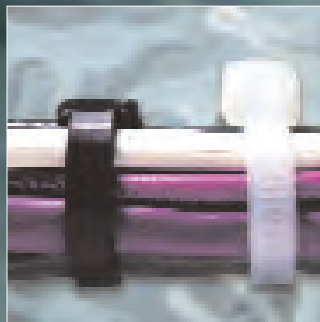
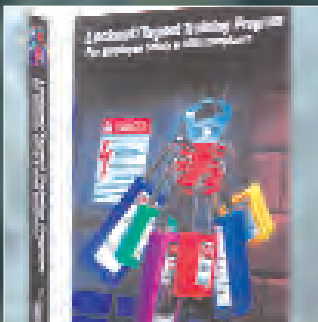
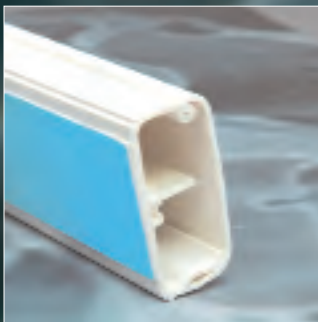




HUNTSVILLE, NORTH CAROLINA USA

# Wire Management & Protection

EFFECTIVE JUNE 1, 2005



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## GENERAL PURPOSE



General Purpose Easy Wrap is a 7 mil, economy-grade, weather resistant, pressure sensitive vinyl electrical tape. Suitable for use in all kinds of electrical and mechanical applications such as cable insulation, wire bundling, and reinforcing. Extremely flexible with good adhesion and conformability. Available in standard black and nine assorted colors for easy identification or color coding. Suitable for use at no more than

600 V and not more than 80°C (176°F). CSA temperature range: -7°C to 80°C.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWG 7060	70600	black	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	0.95	0.82
EWG 7060-1	70601	brown	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-2	70602	red	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-3	70603	orange	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-4	70604	yellow	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-5	70605	green	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-6	70606	blue	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-7	70607	purple	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-8	70608	grey	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05
EWG 7060-9	70609	white	.007	3/4	60 ft.	cello pack, sleeve of 10	200	38	1.20	1.05

## FLAME RETARDANT



Flame Retardant Easy Wrap is similar to General Purpose Easy Wrap except for its flame-retardant rating. It is also a 7 mil, weather resistant, pressure sensitive vinyl electrical tape. Suitable for use in all kinds of electrical and mechanical applications such as cable insulation, wire bundling, and reinforcing. Extremely flexible with good adhesion and conformability. Available in black only. Suitable for use at no more than

600 V and not more than 80°C (176°F). CSA temperature range: -7°C to 80°C.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EFW 7060	70610	black	.007	3/4	60 ft.	cello pack, sleeve of 10	200	40	1.25	1.09





# Easy-Wrap™

PREMIUM GRADE VINYL ELECTRICAL TAPE/600 V RUBBER SPLICING TAPE

## PREMIUM 070



Premium 070 Easy Wrap is a 7 mil, all weather, premium grade, pressure sensitive vinyl electrical tape. Cold and weather resistant. Flame retardant. Suitable for use in all kinds of electrical and mechanical applications. Provides exceptional flexibility and performance over a wide range of temperatures. Available in standard black and nine assorted colors for easy identification or color coding. Suitable for use at no more than

600 V and not more than 80°C (176°F). CSA temperature range: -18°C to 105°C.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWP 7066	70660	black	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.45	2.99
EWP 7066-1	70661	brown	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-2	70662	red	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-3	70663	orange	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-4	70664	yellow	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-5	70665	green	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-6	70666	blue	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-7	70667	purple	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-8	70668	grey	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19
EWP 7066-9	70669	white	.007	3/4	66 ft.	plastic case, 10 per box	100	22	3.69	3.19

## PREMIUM 085



Premium 085 Easy Wrap is a 8.5 mil, all weather, premium grade, pressure sensitive vinyl electrical tape. Cold and weather resistant. Flame retardant. Suitable for use in all kinds of electrical and mechanical applications. Provides exceptional flexibility and performance over a wide range of temperatures. Available in standard black only. Suitable for use at no more than 600 V and not more than 80°C (176°F). CSA temperature

range: -18°C to 105°C. Meets MIL-I-24391C, HH-I-595C and ASTM D-3005.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWP 8566	85660	black	.0085	3/4	66 ft.	plastic case, 10 per box	100	25	4.09	3.49

## RUBBER SPLICING TAPE



High quality unvulcanized rubber that will bond quickly to itself to form a solid mass of watertight protection. Self fusing with liner. Can be used as primary insulation for electrical wires and cable splices up to 600 volts. Conforms to irregular shapes and is flexible to withstand expansion and contraction. Highly resistant to salt water, steam, oils, detergents and other chemicals. Dielectric strength 490 volts per mil.

Meets HH-I-553C Grade B and ASTM D-119; UL 510 listing #2C58.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWRT3022-.75	70367	black	.030	3/4	22 ft.	cello pack of 10	100	35	2.99	2.69
EWRT3022-1.5	70369	black	.030	1 1/2	22 ft.	cello pack of 10	100	35	6.49	5.69
EWRT3022-2	70370	black	.030	2	22 ft.	cello pack of 10	100	35	8.99	7.89



# Easy-Wrap™

FRICION ELECTRICAL TAPE & CORROSION PROTECTION TAPES

## FRICION TAPE



Cloth construction offering good mechanical protection against abrasion and penetration of cable, splices and wire. Coated on both sides with a rubber adhesive for good adhesion to all types of surfaces.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								CTN.	1 TO 9 CTN.	10 OR MORE CTN.
EWFT157560	70681	black	.015	3/4	60 ft.	cello pack, sleeve of 10	100	30	3.49	2.99

## GENERAL PURPOSE CORROSION PROTECTION TAPE (PIPE WRAP)



Easy-Wrap General Purpose Corrosion Protection Tapes are designed to protect pipe surfaces from corrosion, abrasion and electrolytic action. They can be used indoors or outdoors and above or below ground to protect pipes, conduits, joints and fittings. Pliable and easy to apply. Excellent protection against water, sunlight, acids, alkalis, corrosive salts and sewage. Excellent UV resistance. Temperature rated to 176°F (80°C).

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								CTN.	1 TO 9 CTN.	10 OR MORE CTN.
EWPG102100	70698	black	.010	2	100 ft.	cello pack	24	24	7.45	6.45
EWPG102100P*	70699	black	.010	2	100 ft.	cello pack	24	24	7.95	6.95

\* Suffix "P" denotes printed tapes.

## ALL WEATHER CORROSION PROTECTION TAPE (PIPE WRAP)



Easy-Wrap All Weather Corrosion Protection Tapes are heavy duty PVC tapes, manufactured with a high quality adhesive and are designed to protect pipe surfaces from corrosion, abrasion and electrolytic action. They can be used indoors or outdoors and above or below ground to protect pipes, conduits, joints and fittings. Pliable and easy to apply. Outstanding protection against water, sunlight, acids, alkalis, corrosive

salts and sewage. Excellent UV resistance. Temperature rated to 176°F (80°C).

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH	PACKAGING UNIT	LBS. PER CTN.	NET PRICE EACH		
								CTN.	1 TO 9 CTN.	10 OR MORE CTN.
EWPP102100	70692	black	.010	2	100 ft.	cello pack	24	24	9.15	7.95
EWPP102100P*	70693	black	.010	2	100 ft.	cello pack	24	24	9.70	8.45
EWPP104100	70694	black	.010	4	100 ft.	cello pack	12	23	18.25	15.85
EWPP104100P*	70695	black	.010	4	100 ft.	cello pack	12	23	19.25	16.75

\* Suffix "P" denotes printed tapes.



# Easy-Wrap™

WIRE HARNESS/SILICONE RUBBER/ELECTRICAL SHIELDING/HIGH VOLTAGE

## WIRE HARNESS WRAP



A 5 mil PVC film, coated with a rubber adhesive for high elongation and exceptional adherence. Excellent conformability to the wiring harness. Matte finish.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWWH 5060	70696	black	.005	3/4	60	cello pack, sleeve of 10	200	34	0.99	0.85

## SILICONE RUBBER TAPE 69 KV

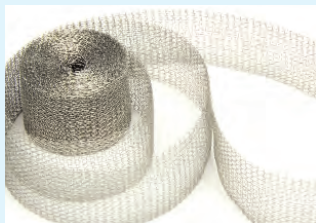


Self-bonding silicone rubber tape adheres to itself when wrapped under tension and fuses to form a homogeneous mass within 24 hours at room temperature or four hours at 350°F. No adhesive required; tape leaves no residue. Excellent dielectric properties. Waterproof & chemical resistant. Temperature range: -65°F to

400°F. Triangular configuration. For use on applications up to 69 KV. Meets MIL-A-A-59163.

CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWSR 121030	70700	.120	1	30	cello pack	48	16	23.75	19.90

## ELECTRICAL SHIELDING TAPE



An all-metal .005 tinned copper braid for shielding all high voltage splices and terminations. Highly conformable, use to continue shielding across a splice. Highly conductive, easily soldered. Meets ASTM B33.

CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWES 51015	70701	.005	1	15	roll	48	7	12.95	9.95

## HIGH VOLTAGE RUBBER TAPE 69 KV - LINERLESS



Self bonding, highly conformable 30 mil EPR rubber – linerless. Use as primary electrical insulation for applications through 69 KV. Rated for 90°C continuous operating temperature. Intermittent to 130°C. Will not crack at -40°C. Flame retardant. IEEE Standard 17-1974 ANSI.

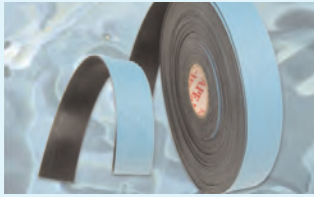
CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWHR 307530	70702	.030	3/4	30	bag	48	27	11.75	9.25
EWHR 3010030	70703	.030	1	30	bag	36	27	14.25	11.40
EWHR 3015030	70704	.030	1 1/2	30	bag	24	27	23.45	18.50
EWHR 3020030	70705	.030	2	30	bag	18	27	28.30	22.80



# Easy-Wrap™

HIGH VOLTAGE RUBBER/ELECTRICAL FILLER/GLASS CLOTH/RUBBER MASTIC TAPE

## HIGH VOLTAGE RUBBER TAPE 69 KV - WITH LINER



Self bonding, highly conformable 30 mil EPR rubber – with liner. Use as primary electrical insulation for applications through 69 KV. Rated for 90°C continuous operating temperature. Intermittent to 130°C. Will not crack at -40°C. Flame Retardant, IEEE Standard 17-1974 ANSI.

CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWHR307530-L	70706	.030	3/4	30	bag	48	27	6.90	5.75
EWHR3010030-L	70707	.030	1	30	bag	36	27	10.75	8.95
EWHR3015030-L	70708	.030	1 1/2	30	bag	24	27	13.60	11.35
EWHR3020030-L	70709	.030	2	30	bag	18	27	21.25	17.75

## ELECTRICAL FILLER TAPE



Butyl based insulation is 1/8" thick for build-up. Easy to mold around irregular shapes. Self-amalgamates into solid flexible mass. Will not corrode copper or aluminum and highly resistant to moisture. Rated for applications up to 5 KV.

CATALOG NO.	NAED NO.	COLOR	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWEF 12155	70710	black	.125	1 1/2	5	cello pack	10	18	10.95	9.25

## GLASS CLOTH ELECTRICAL TAPE - RUBBER ADHESIVE



Provides heat stabilized insulation for applications where resistance to high temperature and high mechanical strength are required, such as motor leads, hot spots, switches and controls. Insulation Class: 130°C (266°F). Dielectric strength: 3,300 volts. MIL-I-15126F (type GFT).

CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWGC 75066	70711	.007	1/2	66	cello pack	72	10	9.50	7.95
EWGC 77566	70712	.007	3/4	66	cello pack	48	10	14.25	11.95

## RUBBER MASTIC TAPE - LINED



A self-fusing conformable electrical insulating and sealing tape. EPR rubber with a strong stable mastic adhesive for busbar and splice connections.

CATALOG NO.	NAED NO.	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
							1 TO 9 CTN.	10 OR MORE CTN.	
EWMT 1251010	78371	.125	1	10	shrink wrap	6	6	8.75	7.25
EWMT 1252524	78372	.125	2 1/2	2	shrink wrap	16	7	5.95	4.95
EWMT 1253510	78373	.125	3 1/2	10	shrink wrap	3	10	22.95	19.75





# Easy-Wrap™

COLD SHRINK TAPE/MINING TAPE/DUCT TAPE

## COLD SHRINK TAPE



Butyl rubber fusion tape for wrapping electrical cable splices and terminations. Durable black elastic tape with excellent electrical properties, water resistance, ozone and corrosion resistance. -40°F to 212°F temperature range (266°F intermittent). Requires no heat or open flame to seal.

Provides for long-term protection even during prolonged immersion in water. Resists abrasion, impact, sunlight and most chemicals. Eliminates the need for overwrap in most applications.

Forms tough, homogeneous, water-tight skin.

CATALOG NO.	NAED NO.	COLOR	THICKNESS	WIDTH INCHES	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWCS 207530	70714	black	.020	3/4	30	roll	12	2	16.15	13.45
EWCS 201010	70715	black	.020	1	10	roll	24	3	10.75	8.95
EWCS 201030	70716	black	.020	1	30	roll	12	4	19.75	16.45
EWCS 201530	70717	black	.020	1 1/2	30	roll	6	3	31.45	26.25
EWCS 202030	70718	black	.020	2	30	roll	6	4	44.70	37.25

## MINING CABLE TAPE



Flame resistant, abrasion resistant PVC jacketing tape. Used to repair damaged mining cables. 1,000 V mil. dielectric strength. For primary insulation through 600 V.

Title 30-CFR 18.64, P-153-MSHA Acceptance.

CATALOG NO.	NAED NO.	COLOR	THICKNESS	WIDTH INCHES	LENGTH FEET	PACKAGING UNIT	LBS. PER CARTON	NET PRICE EACH		
								1 TO 9 CTN.	10 OR MORE CTN.	
EWMJ 7066	70719	black	.007	3/4	66	cello pack	100	23	2.35	1.95
EWMJ 701566	70720	black	.007	1 1/2	66	cello pack	50	43	4.50	3.75

## DUCT TAPE



Superior cloth duct tapes, designed to meet all industry demands and applications. Uniform MD/CD tear properties. Other thicknesses, grades and colors are available, please speak with an NSi Customer Service representative for details.

CATALOG NO.	NAED NO.	DESCRIPTION	ADHESION OZ./INCH	TENSILE LBS./INCH	THICKNESS INCHES	WIDTH INCHES	LENGTH YARDS	CARTON QTY.	NET PRICE EACH	
									1 TO 9 CTN.	10 OR MORE CTN.
EWDT-8	70686	economy	54	18	.008	2	60	24	8.35	6.95
EWDT-8B	70687	economy	54	18	.008	2	60	24	9.95	8.35
EWDT-10	70685	all purpose, general grade	56	20	.010	2	60	24	12.95	10.95
EWDT-11	70688	industrial strength, metallized backing	48	24	.011	2	60	24	22.95	19.25
EWDT-14	70689	premium performance, HVAC applications	50	48	.014	2	60	24	30.60	25.50
EWDT-13	70690	premium performance, UL Listed, flex duct systems	88	MD=51.0 CD=26.6	.014	2	60	24	32.35	26.95

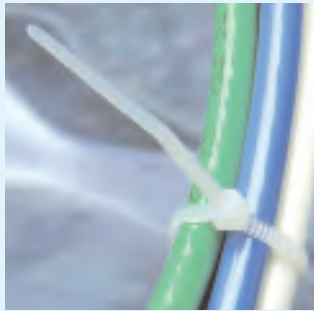




# Cable Ties

STANDARD (NATURAL)

## STANDARD CABLE TIES (NATURAL)



Designed for quick and easy use. Strong and flexible, they can be wrapped around a bundle quickly and the tail easily inserted into a self-locking head. The smaller standard size ties even have bent tails to facilitate rapid tail-to-head insertion by user. Made of high-strength Nylon 66 that resists abrasion and chemicals such as common oils, greases, solvents, dilute acids and alkalines. They are fungus-resistant, self-extinguishing and have excellent dielectric

properties. Designed for continuous use from -40°F to 185°F (-40°C to 85°C) and will withstand temperatures up to 300°F (149°C). 94V-2 flammability rating.

Four sizes of canister packs include popular assortments of standard and colored cable ties. The ties are provided in an air-tight canister to prevent them from drying out, thus extending their life.

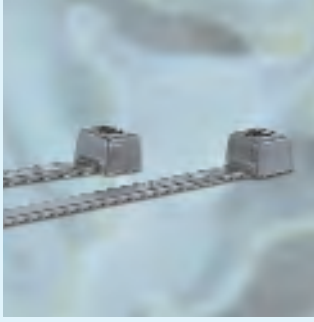
CATALOG NO.	NAED NO.	(INCHES)		MAX. BUNDLE DIA.	MIN. TENSILE STRENGTH	PACKAGING		SHPG WT. LBS./100	NET PRICE PER 100		
		LENGTH	WIDTH			STD. PKG.	STD. CTN.		STD. PKG.	STD. CTN.	
418	05000	4	.100	7/8	18 lbs.	100	5,000	0.08	3.55	2.50	Miniature
418X	05120	4	.100	7/8	18 lbs.	1,000	5,000	0.08	3.55	2.50	
518	05127	5.5	.100	1 3/8	18 lbs.	100	5,000	0.10	4.30	3.05	
518X	05128	5.5	.100	1 3/8	18 lbs.	1,000	5,000	0.10	4.30	3.05	
818	05003	8	.100	2 1/8	18 lbs.	100	3,000	0.15	8.45	5.80	
818X	05121	8	.100	2 1/8	18 lbs.	1,000	3,000	0.15	8.45	5.80	
540	04192	5.5	.130	1 3/8	40 lbs.	100	5,000	0.15	6.10	4.25	Intermediate Duty
540X	04193	5.5	.130	1 3/8	40 lbs.	1,000	5,000	0.15	6.10	4.25	
840	05004	8	.140	2 1/8	40 lbs.	100	3,000	0.24	9.10	6.30	
840X	05065	8	.140	2 1/8	40 lbs.	1,000	3,000	0.24	9.10	6.30	
1140	05132	11.5	.140	3 1/4	40 lbs.	100	2,000	0.33	13.60	9.60	Standard Duty
450	05066	4.75	.187	1 1/8	50 lbs.	100	5,000	0.17	6.35	4.90	
450X	05129	4.75	.187	1 1/8	50 lbs.	1,000	5,000	0.17	6.35	4.90	
650	05130	6.25	.187	1 5/8	50 lbs.	100	3,000	0.26	8.10	5.70	
650X	05131	6.25	.187	1 5/8	50 lbs.	1,000	3,000	0.26	8.10	5.70	
750	05002	7.5	.187	2	50 lbs.	100	3,000	0.29	8.80	6.10	
750X	05061	7.5	.187	2	50 lbs.	1,000	3,000	0.29	8.80	6.10	
850	05070	8	.187	2 1/8	50 lbs.	100	3,000	0.33	9.50	6.60	
850X	05049	8	.187	2 1/8	50 lbs.	1,000	3,000	0.33	9.50	6.60	
1150	05005	11	.187	3 1/8	50 lbs.	100	3,000	0.48	15.30	10.50	
1150X	05062	11	.187	3 1/8	50 lbs.	1,000	3,000	0.48	15.30	10.50	
1450	05006	14.5	.187	4	50 lbs.	100	3,000	0.60	18.80	12.95	Light Heavy Duty
1450X	05063	14.5	.187	4	50 lbs.	1,000	3,000	0.60	18.80	12.95	
1850	05071	17.75	.187	5	50 lbs.	100	2,000	0.72	29.50	20.50	
8120	05072	8	.300	2	120 lbs.	100	2,000	0.60	21.15	14.70	
8120X	05067	8	.300	2	120 lbs.	1,000	2,000	0.60	21.15	14.70	
11120	05073	11	.300	3	120 lbs.	100	2,000	0.88	28.50	19.80	
11120X	05085	11	.300	3	120 lbs.	1,000	2,000	0.88	28.50	19.80	
14120	05007	15	.300	4 3/8	120 lbs.	100	2,000	1.28	35.95	24.85	Heavy Duty
18175	05015	17.75	.315	5 1/4	175 lbs.	50	500	1.53	58.60	40.45	
24175	05010	24	.315	7 1/4	175 lbs.	50	500	2.56	67.30	46.40	
30175	05014	30	.354	9 1/4	175 lbs.	50	500	3.18	77.05	54.20	
36175	05012	36	.354	10 5/8	175 lbs.	50	500	3.86	92.35	63.65	Extra Heavy Duty
48175	05013	48	.354	15	175 lbs.	50	500	5.28	151.70	104.70	
60175	04194	59	.354	18 1/4	175 lbs.	50	500	6.00	179.00	134.90	Extra Heavy Duty
11250	05074	11	.500	3 1/8	250 lbs.	50	500	1.94	51.00	39.00	
15250	05075	15	.500	4 3/8	250 lbs.	50	500	2.57	64.00	49.00	
18250	05076	18.87	.500	5 1/2	250 lbs.	50	500	3.09	77.00	59.00	
22250	05077	22.87	.500	6 7/8	250 lbs.	50	500	3.70	102.00	79.00	
28250	05078	28.75	.500	8 7/8	250 lbs.	50	500	4.53	115.00	89.00	
34250	05079	34.68	.500	10 1/2	250 lbs.	50	500	5.63	167.00	129.00	Extra Heavy Duty
40250	05084	40.5	.500	12 1/2	250 lbs.	50	500	6.60	180.00	139.00	



# Cable Ties

UV AND WEATHER RESISTANT

## UV AND WEATHER RESISTANT CABLE TIES (BLACK)



Weather resistant cable ties are made from weather resistant Nylon 66. For applications exposed to outside elements. Good UV resistance. Same temperature and flammability rating as natural ties. Available in black only.

CATALOG NO.	NAED NO.	(INCHES)		MAX. BUNDLE DIA.	MIN. TENSILE STRENGTH	PACKAGING		SHPG WT. LBS./100	NET PRICE PER 100		
		LENGTH	WIDTH			STD. PKG.	STD. CTN.		STD. PKG.	STD. CTN.	
4180	05020	4	.100	7/8	18 lbs.	100	5,000	0.08	4.00	2.75	Miniature
4180X	05122	4	.100	7/8	18 lbs.	1,000	5,000	0.08	4.00	2.75	
5180	05134	5.5	.100	1 3/8	18 lbs.	100	5,000	0.10	4.75	3.35	
5180X	05135	5.5	.100	1 3/8	18 lbs.	1,000	5,000	0.10	4.75	3.35	
8180	05023	8	.100	2 1/8	18 lbs.	100	3,000	0.15	9.35	6.45	
8180X	05124	8	.100	2 1/8	18 lbs.	1,000	3,000	0.15	9.35	6.45	
5400	04186	5.5	.130	1 3/8	40 lbs.	100	5,000	0.15	6.85	4.60	Intermediate Duty
5400X	04187	5.5	.130	1 3/8	40 lbs.	1,000	5,000	0.15	6.85	4.60	
8400	05024	8	.140	2 1/8	40 lbs.	100	3,000	0.24	10.10	6.95	
8400X	05069	8	.140	2 1/8	40 lbs.	1,000	3,000	0.24	10.10	6.95	
11400	05139	11.5	.140	3 1/4	40 lbs.	100	2,000	0.33	14.95	10.55	Standard Duty
4500	05085	4.75	.187	1 1/8	50 lbs.	100	5,000	0.17	6.95	5.40	
4500X	05136	4.75	.187	1 1/8	50 lbs.	1,000	5,000	0.17	6.95	5.40	
6500	05137	6.25	.187	1 5/8	50 lbs.	100	3,000	0.26	8.90	6.25	
6500X	05138	6.25	.187	1 5/8	50 lbs.	1,000	3,000	0.26	8.90	6.25	
7500	05022	7.5	.187	2	50 lbs.	100	3,000	0.29	9.60	6.65	
7500X	05123	7.5	.187	2	50 lbs.	1,000	3,000	0.29	9.60	6.65	
8500	05090	8	.187	2 1/8	50 lbs.	100	3,000	0.33	10.35	7.20	
8500X	05019	8	.187	2 1/8	50 lbs.	1,000	3,000	0.33	10.35	7.20	
11500	05025	11	.187	3 1/8	50 lbs.	100	3,000	0.48	16.85	11.60	
11500X	05064	11	.187	3 1/8	50 lbs.	1,000	3,000	0.48	16.85	11.60	
14500	05026	14.5	.187	4	50 lbs.	100	3,000	0.60	21.25	14.30	Light Heavy Duty
14500X	05126	14.5	.187	4	50 lbs.	1,000	3,000	0.60	21.25	14.30	
18500	05091	17.75	.187	5	50 lbs.	100	2,000	0.72	32.45	22.50	
81200	05092	8	.300	2	120 lbs.	100	2,000	0.60	23.25	16.15	
81200X	05086	8	.300	2	120 lbs.	1,000	2,000	0.60	23.25	16.15	
111200	05093	11	.300	3	120 lbs.	100	2,000	0.88	31.35	21.75	
111200X	05087	11	.300	3	120 lbs.	1,000	2,000	0.88	31.35	21.75	
141200	05027	15	.300	4 3/8	120 lbs.	100	2,000	1.28	39.60	27.30	Heavy Duty
181750	05035	17.75	.315	5 1/4	175 lbs.	50	500	1.53	64.50	44.45	
241750	05030	24	.315	7 1/4	175 lbs.	50	500	2.56	74.00	51.05	
301750	05034	30	.354	9 1/4	175 lbs.	50	500	3.18	84.90	60.35	
361750	05032	36	.354	10 5/8	175 lbs.	50	500	3.86	101.65	69.95	
481750	05033	48	.354	15	175 lbs.	50	500	5.28	167.00	115.30	
601750	04195	59	.354	18 3/4	175 lbs.	50	500	6.00	199.00	146.90	Extra Heavy Duty
112500	05094	11	.500	3 1/8	250 lbs.	50	500	1.94	56.00	43.00	
152500	05095	15	.500	4 3/8	250 lbs.	50	500	2.57	71.00	54.00	
182500	05096	18.87	.500	5 1/2	250 lbs.	50	500	3.09	84.00	65.00	
222500	05097	22.87	.500	6 7/8	250 lbs.	50	500	3.70	113.00	87.00	
282500	05098	28.75	.500	8 7/8	250 lbs.	50	500	4.53	127.00	98.00	
342500	05099	34.68	.500	10 1/2	250 lbs.	50	500	5.63	184.00	142.00	
402500	05088	40.5	.500	12 1/2	250 lbs.	50	500	6.60	198.00	153.00	



# Cable Ties

STANDARD (COLORS & FLUORESCENT) AND HVAC UL181B-C APPROVED

## HVAC UL181B-C APPROVED TIES FOR FLEXIBLE DUCT

CATALOG NO.	NAED NO.	LENGTH	WIDTH	COLOR	MAXIMUM BUNDLE DIA.	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
										STD. PKG.	STD. CTN.
36175	05012	36	.354	natural	10 <sup>5</sup> / <sub>8</sub>	175 lbs.	50	500	3.86	92.35	63.65
361750	05032	36	.354	black	10 <sup>5</sup> / <sub>8</sub>	175 lbs.	50	500	3.86	101.65	69.95
48175	05013	48	.354	natural	15	175 lbs.	50	500	5.28	151.70	104.70
481750	05033	48	.354	black	15	175 lbs.	50	500	5.28	167.00	115.30



## STANDARD CABLE TIES - COLORS

CATALOG NO.	NAED NO.	LENGTH	WIDTH	COLOR	MAXIMUM BUNDLE DIA.	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
										STD. PKG.	STD. CTN.
530-1	09100	5.6	.130	brown	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-2	09101	5.6	.130	red	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-3	09102	5.6	.130	orange	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-4	09103	5.6	.130	yellow	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-5	09104	5.6	.130	green	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-6	09105	5.6	.130	blue	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
530-8	09106	5.6	.130	gray	1 <sup>1</sup> / <sub>4</sub>	30 lbs.	100	5,000	.21	12.25	8.60
750-2	09107	7.5	.187	red	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-3	09108	7.5	.187	orange	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-4	09109	7.5	.187	yellow	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-5	09110	7.5	.187	green	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-6	09111	7.5	.187	blue	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-7	09112	7.5	.187	purple	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
750-8	09113	7.5	.187	gray	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	14.80	10.30
840-1	09114	8.5	.130	brown	2	40 lbs.	100	3,000	.38	14.80	10.30
840-2	09115	8.5	.130	red	2	40 lbs.	100	3,000	.38	14.80	10.30
840-3	09116	8.5	.130	orange	2	40 lbs.	100	3,000	.38	14.80	10.30
840-4	09117	8.5	.130	yellow	2	40 lbs.	100	3,000	.38	14.80	10.30
840-5	09118	8.5	.130	green	2	40 lbs.	100	3,000	.38	14.80	10.30
840-6	09119	8.5	.130	blue	2	40 lbs.	100	3,000	.38	14.80	10.30
840-7	09120	8.5	.130	purple	2	40 lbs.	100	3,000	.38	14.80	10.30
840-8	09121	8.5	.130	gray	2	40 lbs.	100	3,000	.38	14.80	10.30
1150-2	09122	11.1	.187	red	3	50 lbs.	100	2,000	.54	28.50	19.60
1450-2	09123	14.1	.187	red	4	50 lbs.	100	2,000	.69	35.10	24.25

## FLUORESCENT

CATALOG NO.	NAED NO.	LENGTH	WIDTH	COLOR	MAXIMUM BUNDLE DIA.	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
										STD. PKG.	STD. CTN.
750-11	09130	7.5	.187	pink	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	15.65	10.90
750-16	09131	7.5	.187	orange	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	15.65	10.90
750-17	09132	7.5	.187	yellow	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	15.65	10.90
750-18	09133	7.5	.187	green	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	15.65	10.90
750-20	09134	7.5	.187	blue	1 <sup>3</sup> / <sub>4</sub>	50 lbs.	100	3,000	.43	15.65	10.90
840-11	09135	8.5	.130	pink	2	40 lbs.	100	3,000	.38	15.65	10.90
840-16	09136	8.5	.130	orange	2	40 lbs.	100	3,000	.38	15.65	10.90
840-17	09137	8.5	.130	yellow	2	40 lbs.	100	3,000	.38	15.65	10.90
840-18	09138	8.5	.130	green	2	40 lbs.	100	3,000	.38	15.65	10.90
840-20	09139	8.5	.130	blue	2	40 lbs.	100	3,000	.38	15.65	10.90
1150-11	09140	11.1	.187	pink	3	50 lbs.	100	2,000	.54	33.40	23.20
1150-16	09141	11.1	.187	orange	3	50 lbs.	100	2,000	.54	33.40	23.20
1150-17	09142	11.1	.187	yellow	3	50 lbs.	100	2,000	.54	33.40	23.20
1150-18	09143	11.1	.187	green	3	50 lbs.	100	2,000	.54	33.40	23.20
1150-20	09144	11.1	.187	blue	3	50 lbs.	100	2,000	.54	33.40	23.20



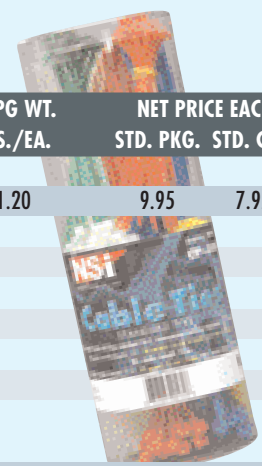


# Cable Ties

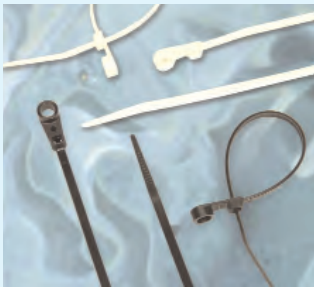
CANISTER PACKS/MOUNTABLE

## CANISTER PACKS

CATALOG NO.	NAED NO.	QTY.	DESCRIPTION OF CONTENTS			BUNDLE DIA.	MIN. TENSILE STRENGTH	PACKAGING		SHPG WT. LBS./EA.	NET PRICE EACH	
			CAT. NO.	COLOR	LENGTH			STD. PKG.	STD. CTN.		STD. PKG.	STD. CTN.
CTP-300	09170	100	418	natural	4	7/8	18 lbs.	1	12	1.20	9.95	7.95
		25	418-2	red	4	7/8	18 lbs.					
		25	418-4	yellow	4	7/8	18 lbs.					
		25	418-5	green	4	7/8	18 lbs.					
		25	418-6	blue	4	7/8	18 lbs.					
		50	840	natural	8	2 1/8	40 lbs.					
		25	840-2	red	8	2 1/8	40 lbs.					
		25	840-6	blue	8	2 1/8	40 lbs.					
CTP-650	09171	100	418	natural	4	7/8	18 lbs.	1	12	2.10	24.95	19.95
		50	418-2	red	4	7/8	18 lbs.					
		50	418-4	yellow	4	7/8	18 lbs.					
		50	418-5	green	4	7/8	18 lbs.					
		50	418-6	blue	4	7/8	18 lbs.					
		300	840	natural	8	2 1/8	40 lbs.					
		50	1150	natural	11	3 1/8	50 lbs.					
CTP-650N	09171	300	418	natural	4	7/8	18 lbs.	1	12	2.10	24.95	19.95
		300	840	natural	8	2 1/8	40 lbs.					
		50	1150	natural	11	3 1/8	50 lbs.					
CTP-650B	09174	300	4180	UV black	4	7/8	18 lbs.	1	12	2.10	26.95	21.95
		300	8400	UV black	8	2 1/8	40 lbs.					
		50	11500	UV black	11	3 1/8	50 lbs.					



## STANDARD MOUNTABLE (NATURAL)



Standard mountable cable ties are manufactured from natural Nylon 66 and come complete with a mounting hole. Designed for continuous use from -40°F to 185°F (-40°C to 85°C).

94V-2 flammability rating. Black weather resistant mountable cable ties are also screw mounted, are manufactured from Weather Resistant Nylon 66 and suitable for outdoor use.

Designed for continuous use from -40°F to 185°F (-40°C to 85°C). 94V-2 flammability rating.

CATALOG NO.	NAED NO.	LENGTH	WIDTH	MAX. BUNDLE DIA.	MIN. TENSILE STRENGTH	MTG. HOLE	PACKAGING		SHPG WT. LBS./100	NET PRICE PER 100	
							STD. PKG.	STD. CTN.		STD. PKG.	STD. CTN.
530MH	05050	6	.145	1 1/2	40 lbs.	.187	100	1,000	0.45	12.25	10.10
750MH	05051	8	.165	2 1/4	50 lbs.	.181	100	1,000	0.76	12.80	10.50
1150MH	05052	11.75	.188	3 1/4	50 lbs.	.191	100	1,000	1.04	31.80	26.15
1450MH	05053	14.5	.188	4	50 lbs.	.187	100	500	1.58	35.65	29.20
14120MH	05054	15.5	.310	4 3/4	120 lbs.	.240	100	500	1.77	45.40	37.30

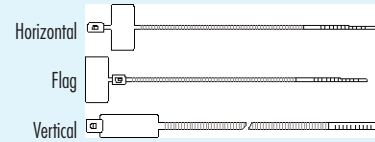
## WEATHER RESISTANT MOUNTABLE (BLACK)

CATALOG NO.	NAED NO.	LENGTH	WIDTH	MAX. BUNDLE DIA.	MIN. TENSILE STRENGTH	MTG. HOLE	PACKAGING		SHPG WT. LBS./100	NET PRICE PER 100	
							STD. PKG.	STD. CTN.		STD. PKG.	STD. CTN.
5300MH	05055	6	.145	1 1/2	40 lbs.	.187	100	1,000	0.45	14.10	11.45
7500MH	05056	8	.165	2 1/4	50 lbs.	.181	100	1,000	0.76	14.70	12.05
11500MH	05057	11.75	.188	3 1/4	50 lbs.	.191	100	1,000	1.04	36.60	30.10
14500MH	05058	14.5	.188	4	50 lbs.	.187	100	500	1.58	40.95	33.55
141200MH	05059	15.5	.310	4 3/4	120 lbs.	.240	100	500	1.77	52.25	42.80

## MARKER TIES



Manufactured from natural colored Nylon 66, Identification ties have an identification area provided as detailed below (see STYLE).



CATALOG NO.	NAED NO.	(INCHES)		STYLE	MAXIMUM BUNDLE DIA.	MARKER DIMENSION	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH								STD. PKG.	STD. CTN.
418-ID	09150	4	.100	vertical	3/4	.312 x .973	18 lbs.	100	1,000	.13	14.10	11.60
750-ID	09151	7.8	.183	vertical	2	.510 x 1.10	50 lbs.	100	1,000	.34	23.10	19.25
1050-ID	09155	10.5	.183	vertical	3	.510 x 1.10	50 lbs.	100	1,000	.44	27.90	23.25
418F-ID	09152	4	.100	flag	3/4	1.00 x .310	18 lbs.	100	1,000	.19	8.35	6.95
418H-ID	09153	4	.100	horizontal	3/4	1.00 x .310	18 lbs.	100	1,000	.14	8.35	6.95
818H-ID	09154	8	.100	horizontal	2	1.18 x .590	18 lbs.	100	1,000	.29	11.95	9.95

## RELEASABLE



Releasable ties are manufactured from either natural Nylon 66 or Weather Resistant (see USAGE) Nylon 66, these ties can be easily released and re-used, -40°F to 185°F (-40°C to 85°C).

CATALOG NO.	NAED NO.	(INCHES)		COLOR	MAXIMUM BUNDLE DIA.	USAGE	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH								STD. PKG.	STD. CTN.
550-R	09160	5.5	.210	natural	1 1/4	indoor	50 lbs.	100	1,000	.39	17.50	14.50
850-R	09161	8.0	.210	natural	2	indoor	50 lbs.	100	1,000	.46	20.70	16.65
1050-R	09162	10.5	.210	natural	2 1/4	indoor	50 lbs.	100	1,000	.52	27.40	22.45
1450-R	09166	14.5	.190	natural	4	indoor	50 lbs.	100	1,000	.73	33.40	26.75
5500-R	09163	5.5	.210	black	1 1/4	outdoor	50 lbs.	100	1,000	.39	20.15	16.70
8500-R	09164	8.0	.210	black	2	outdoor	50 lbs.	100	1,000	.46	22.75	18.35
10500-R	09165	10.5	.210	black	2 1/2	outdoor	50 lbs.	100	1,000	.52	31.50	25.80

## AIR HANDLING



Air handling ties are approved for indoor use in air handling spaces other than plenums and ducts per NFPA-1993. Meets UL 1565 test standards. MIL spec. 3367-1, -7, -2. NEC Sec. 300-22 (C) & (D). Rules 12-010 (3), (4), and (5) and 12-020 of the Canadian

Electrical code, Part 1. Made of high strength nylon, these ties are self-extinguishing and resist abrasions and chemicals such as oil, greases, solvents, dilute acids and alkalis. Burgundy in color for easy identification. Maximum operating temperature 185° F (85° C).

CATALOG NO.	NAED NO.	(INCHES)		MAXIMUM BUNDLE DIA.	MILITARY SPEC. NO.	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH							STD. PKG.	STD. CTN.
750-P	05080	7.5	.180	1 3/4	MS3367-1-2	50 lbs.	1,000	6,000	.43	20.95	17.85
1150-P	05081	11.1	.180	3	MS3367-7-2	50 lbs.	1,000	4,000	.54	56.10	47.60
1450-P	05082	14.2	.180	4	MS3367-2-2	50 lbs.	1,000	4,000	.69	73.95	62.70
14120-P	05083	14.2	.300	4	MS3367-3-2	120 lbs.	500	2,000	.85	132.95	112.65

## PUSH MOUNT TIES

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Push mount cable ties allow the installer to secure a cable tie to a back panel quickly and easily, eliminating the possibility of adhesive mount failure. Simply drill the mounting hole and insert. Made of high-strength Nylon 66 that resists abrasion and chemicals such as common oils, greases, sol-

vents, dilute acids and alkalines. They are fungus-resistant, self-extinguishing and have excellent dielectric properties. Designed for continuous use from -40°F to 185°F (-40°C to 85°C) and will withstand temperatures up to 300°F (149°C). 94V-2 flammability rating.

CATALOG NO.	NAED NO.	(INCHES)		MAXIMUM BUNDLE DIA.	MIN. TENSILE STRENGTH	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH						STD. PKG.	STD. CTN.
640-PM	04196	6.125	.139	1.59	40 lbs.	100	1,000	.20	5.40	4.60
550-WPM	04197	5.125	.191	1.2	50 lbs.	100	1,000	.34	4.65	3.95
640-WPM	04198	6.125	.139	1.43	40 lbs.	100	1,000	.22	5.40	4.60

## POLYPROPELENE UV CABLE TIES



Polypropylene UV cable ties are suitable for dry environments, are chemical resistant and light weight and are UL 94V-HB approved. Black in color, Temperature range 40°F to 221°F.

CATALOG NO.	NAED NO.	LENGTH INCHES	WIDTH INCHES	MAX. BUNDLE DIA. (IN.)	MIN. TENSILE STRENGTH	STANDARD PACKAGE	STANDARD CARTON	NET PRICE PER 100	
								1 TO 9 CTN.	10 OR MORE CTN.
PP0418	09180	3.75	0.09	0.75	18	100	1,000	9.05	6.95
PP0640	09181	6.25	0.135	1.25	40	100	1,000	12.05	9.25
PP0850	09182	7.50	0.19	1.75	50	100	1,000	16.85	12.95
PP01150	09183	11.50	0.19	3	50	100	1,000	39.65	30.50
PP01450	09184	14.50	0.19	4	50	100	1,000	44.90	34.60
PP014120	09185	14.75	0.31	4	120	50	500	81.85	62.95
PP028175	09186	28.75	0.36	8	175	50	500	139.10	107.00

## TEFZEL CABLE TIES



Tefzel cable ties are suitable for extreme environments. They rated for air handling spaces and chemical, weather and radiation resistant. Ideal for high temperature applications, up to 302°F continuous operating temperature. UL 94V-0 approved. Aqua blue in color, Temperature range -65°F to 302°F. Melting point 520°F.

CATALOG NO.	NAED NO.	LENGTH INCHES	WIDTH INCHES	MAX. BUNDLE DIA. (IN.)	MIN. TENSILE STRENGTH	STANDARD PACKAGE	STANDARD CARTON	NET PRICE PER 100	
								1 TO 9 CTN.	10 OR MORE CTN.
TFZ418	09187	3.75	0.09	0.75	18	100	1,000	38.90	29.90
TFZ850	09188	7.50	0.19	1.75	50	100	1,000	171.60	132.00
TFZ1150	09189	11.50	0.19	3	50	100	1,000	228.00	176.00
TFZ1450	09190	14.50	0.19	4	50	50	500	271.00	209.00
TFZ14120	09191	14.75	0.31	4	120	50	500	557.00	429.00

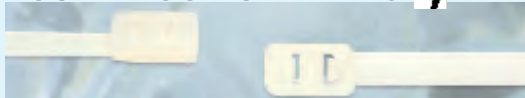
## IN-LINE CABLE TIES



In-line cable ties have a low profile head that reduces interference with parallel cable bundles in cable tray runs or equipment feeds (and many other applications).

CATALOG NO.	NAED NO.	IN-LINE TYPE	LENGTH INCHES	WIDTH INCHES	BUNDLE DIA. (IN.)	MIN. TENSILE STRENGTH	STANDARD PACKAGE	STANDARD CARTON	NET PRICE PER 100	
									STD. PKG.	STD. CTN.
IL750	09192	natural	7	0.178	.375 – 1.75	50	100	1,000	7.50	5.75
IL14120	09193	natural	14	0.300	.563 – 3.50	120	100	500	32.30	24.80
IL7500	09194	UV black	7	0.178	.375 – 1.75	50	100	1,000	7.80	5.95
IL141200	09195	UV black	14	0.300	.563 – 3.50	120	100	500	33.50	26.05

## DOUBLE LOOP CABLE TIES



Double loop cable ties have two-way locking heads that permit management of parallel bundles with one cable tie. The result is a clean, neat and efficient application.

CATALOG NO.	NAED NO.	LENGTH INCHES	WIDTH INCHES	MAX BUNDLE DIA. (IN.)	MIN. TENSILE STRENGTH	STANDARD PACKAGE	STANDARD CARTON	NET PRICE PER 100	
								STD. PKG.	STD. CTN.
DL850	09196	8	0.187	1.50	50	100	1,000	34.30	26.40
DL1150	09197	12	0.187	3.00	50	100	1,000	46.40	35.70
DL1450	09198	15	0.187	4.00	50	100	500	71.75	55.20

## HEAT STABILIZED TIES

Heat stabilized nylon 66 cable ties are perfect for extreme temperature applications ranging from 40°F to 220°F while maintaining the high tensile strength of standard nylon 66 ties. For higher temperature applications, see Tefzel ties (above) and Stainless Steel ties (next page.)

CATALOG NO.	NAED NO.	LENGTH INCHES	WIDTH INCHES	MAX. BUNDLE DIA. (IN.)	MIN. TENSILE STRENGTH	STANDARD PACKAGE	STANDARD CARTON	NET PRICE PER 100	
								1 TO 9 CTN.	10 OR MORE CTN.
418HS	04177	4	0.1	1	18	100	1000	3.49	2.99
618HS	04178	6	0.1	1 <sup>5</sup> / <sub>8</sub>	18	100	1000	4.90	4.20
650HS	04182	6 <sup>1</sup> / <sub>4</sub>	0.191	1 <sup>5</sup> / <sub>8</sub>	50	100	1000	9.49	8.13
850HS	04183	8	0.191	2 <sup>1</sup> / <sub>8</sub>	50	100	1000	9.45	8.10
1150HS	04184	11	0.191	3 <sup>1</sup> / <sub>8</sub>	50	100	1000	16.05	13.76
1450HS	04185	14 <sup>1</sup> / <sub>2</sub>	0.191	4	50	100	1000	33.52	28.73





# Cable Ties

VELCRO & STAINLESS STEEL

## VELCRO CABLE TIES



Velcro cable ties offer a unique back-to-back fastening system – a self-gripping, double-sided strap that is easy to use and cost effective. They feature a molded high performance polyethylene hook fastener laminated on to a non-woven polyester loop. The low peel strength allows for easy entry or removal by the user yet the average shear strength is 3.0 psi, which increases substantially with each circular rotation. Will not

over-cinch delicate cable and fiber optics. Applications include cord & cable management, wire harnesses, inventory control, fibre optics, packaging, in-plant maintenance, etc. Available in five colors, ideal for color coding. Allow for a minimum 2" overlap when installing.

CATALOG NO.	NAED NO.	TYPE	LENGTH	WIDTH INCHES	BUNDLE DIA. (IN.)	COLOR	PIECES PER PACKAGE	PACKAGES PER CARTON	PRICE PER PACKAGE STD. PKG.	PRICE PER PACKAGE STD. CTN.
V850	04101	onewrap strap	8"	.5	1.75	black	10	25	8.25	6.95
V850-2	04102	onewrap strap	8"	.5	1.75	red	10	25	8.25	6.95
V850-3	04103	onewrap strap	8"	.5	1.75	orange	10	25	8.25	6.95
V850-4	04104	onewrap strap	8"	.5	1.75	yellow	10	25	8.25	6.95
V850-6	04105	onewrap strap	8"	.5	1.75	blue	10	25	8.25	6.95
V1250	04106	onewrap strap	12"	.5	3	black	10	20	11.60	9.75
V1250-2	04107	onewrap strap	12"	.5	3	red	10	20	11.60	9.75
V1250-3	04108	onewrap strap	12"	.5	3	orange	10	20	11.60	9.75
V1250-4	04109	onewrap strap	12"	.5	3	yellow	10	20	11.60	9.75
V1250-6	04110	onewrap strap	12"	.5	3	blue	10	20	11.60	9.75
V875	04114	continuous roll	80"	.75	perforated every 8"	black	1	10	8.25	6.95
V1275	04115	continuous roll	10 ft.	.75	perforated every 12"	black	1	10	10.75	8.95
V180*	04111	continuous length	15 ft.	.75		black	1	10	10.75	8.95
V900*	04112	continuous length	75 ft.	.75		black	1	3	49.95	44.95
V7200*	04113	continuous length	600 ft.	.75		black	1	1	359.00	359.00

\*Note: Rolls of Velcro tape can be cut to desired length.

## STAINLESS STEEL



These ties are made of stainless steel grade 304 and are ideally suited for hazardous environments. Stainless steel ties are of a roller-ball design which is self locking and are fast and easy to install. They have smooth edges and will not damage wires, etc. Installation can be either by hand or with a tool. The normal operating temperature is -80°C to 538°C. Available with a non-toxic, halogen-free polyester coating in a

wide choice of colors. Stainless steel ties are also available in Grade 316, for applications that require extremely high corrosion resistance. To order 316SS material, add suffix -316 to part number.

CATALOG NO.	NAED NO.	LENGTH	WIDTH	MAX. BUNDLE DIA.	MIN. TENSILE STRENGTH	PACKAGING STD. PKG.	PACKAGING STD. CTN	SHPG WT LBS./100	NET PRICE PER 100 STD. PKG.	NET PRICE PER 100 STD. CTN.
SS8100	04150	8	.181	1.97	100 lbs.	100	500	0.57	142.00	119.90
SS8250	04160	8	.311	1.97	250 lbs.	100	500	1.12	157.00	131.25
SS14100	04151	14	.181	3.94	100 lbs.	100	500	0.93	164.00	136.95
SS14250	04161	14	.311	3.94	250 lbs.	100	500	1.70	189.00	159.00
SS20100	04152	20.5	.181	5.90	100 lbs.	100	500	1.23	173.00	144.50
SS20250	04162	20.5	.311	5.90	250 lbs.	100	500	2.20	243.00	203.00
SS26100	04153	26.5	.181	7.87	100 lbs.	100	500	1.54	222.00	185.00
SS26250	04163	26.5	.311	7.87	250 lbs.	100	500	2.82	299.00	249.00
SS33100	04154	33	.181	9.84	100 lbs.	100	500	1.92	263.00	219.00
SS33250	04164	33	.311	9.84	250 lbs.	100	500	3.40	378.00	315.00
SS39100	04155	39	.181	11.81	100 lbs.	100	500	2.29	335.00	279.00
SS39250	04165	39	.311	11.81	250 lbs.	100	500	3.90	459.00	383.00
SS47100	04156	47	.181	14.37	100 lbs.	100	500	2.73	407.00	339.00
SS47250	04166	47	.311	14.37	250 lbs.	100	500	4.50	549.00	459.00

### CABLE TIE INSTALLATION TOOLS

Ergonomic, high quality durable cable tie tools suitable for tensile strengths from 18 lb through 250lb extra heavy lashing ties.



Stainless Steel manual tools are ergonomic, high quality durable cable tie tools suitable for 100lb and 250lb tensile strength stainless steel ties. SSCT-5 has preset tension adjustment control, allowing for uniform tension setting and automatic cutting on each bundle.



CATALOG NO.	NAED NO.	TOOL DUTY	USAGE	LBS. TENSILE STRENGTH	WT. LBS./100	NET PRICE EACH	
						1 TO 9	10 OR MORE
TRT-100	09175	light weight plastic tool	for use with miniature, intermediate and standard duty cable ties	18-50	0.30	28.95	23.95
TRT-200	07177	sturdy metal tool	for use with miniature, intermediate and standard duty cable ties	18-50	1.25	52.95	43.95
TRT-300	09176	heavy duty all-metal tool	for use with miniature up to heavy duty cable ties	18-175	1.25	59.95	49.95
TRT-400	09199	extra heavy duty all-metal tool	for use with miniature up to extra heavy duty cable ties	18-250	1.50	89.95	74.95
TRT-500	09179	deluxe cable tie tool	for use with miniature up to standard duty cable ties	18-50	1.40	119.95	99.95
SSCT-3	16807	stainless steel cable tie tool	for use with 100lb and 250lb stainless steel cable ties	100-250		369.00	329.00
SSCT-5	16808	stainless steel cable tie tool	for use with 100lb and 250lb stainless steel cable ties	100-250		549.00	499.00

### DOUBLE-SIDED ADHESIVE TAPE



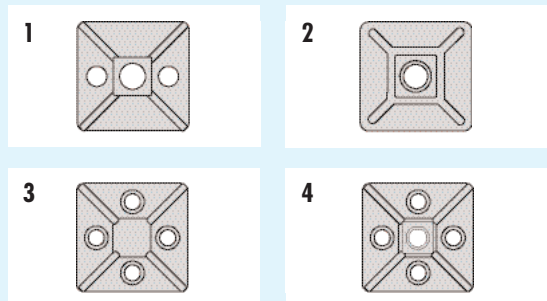
White double-sided adhesive tape and double-sided adhesive foam tape (1/16" thick) is available for a variety of uses including mounting panel channel ductwork, see page 21.

CATALOG NO.	NAED NO.	TYPE	WIDTH	LENGTH	WIDTH	LENGTH	STD. PKG.	STD. CARTON	NET PRICE EACH	
			IN INCHES	IN FEET	IN MM	IN METERS			STD. PKG.	STD. CTN.
ADH-472	16350	plain	.472	328	12	100	5	25	69.95	59.95
ADH-708	16351	plain	.708	328	18	100	5	25	89.95	79.95
ADH-905	16352	plain	.905	328	23	100	5	25	109.95	89.95
AFT-5033	09177	foam	.500	33	13	10	10	50	5.95	3.95
AFT-7533	09178	foam	.750	33	19	10	10	50	7.95	5.75

### ADHESIVE CABLE TIE MOUNTS



These mounts are used to route and fasten cable-tied bundles to flat surfaces. Cable ties may be inserted from any of four directions, eliminating orientation time. The top of the mount has a cradle design which allows the bundle to fit snugly and a mounting hole for additional support, where required.

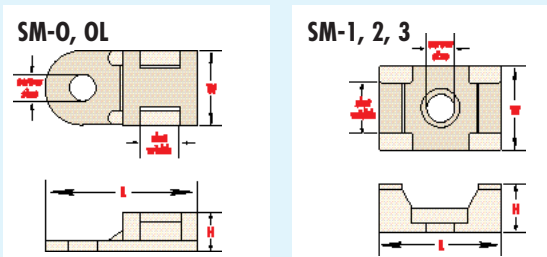


CATALOG NO.	NAED NO.	FIGURE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100 STD. PKG.	STD. CTN.
FTH5A	05502	1	0.75	0.75	0.14	.140	natural	100	1,000	1	30.10	23.15
FTH7A	05503	2	1.00	1.00	0.16	.203	natural	100	1,000	2	36.35	27.95
FTH15A	05570	3	1.50	1.50	0.30	.394	natural	100	1,000	3	45.50	35.00
FTH20A	05572	4	2.00	2.00	0.50	.500	natural	50	500	4	76.60	59.00
FTH5A-B	05504	1	0.75	0.75	0.14	.140	black	100	1,000	1	33.15	25.50
FTH7A-B	05505	2	1.00	1.00	0.16	.203	black	100	1,000	2	39.95	30.75
FTH15A-B	05571	3	1.50	1.50	0.30	.394	black	100	1,000	3	50.05	38.50
FTH20A-B	05573	4	2.00	2.00	0.50	.500	black	50	500	4	84.95	65.00

### SADDLE MOUNTS



Manufactured using UL approved Nylon 66, 94V-2. The saddle design provides maximum stability to wire bundles.

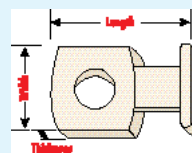


CATALOG NO.	NAED NO.	SCREW SIZE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100 STD. PKG.	STD. CTN.
SM-0	13200	.133	0.75	0.37	0.20	.20	natural	100	1,000	.10	5.10	3.90
SM-OL	13201	.204	0.75	0.37	0.20	.20	natural	100	1,000	.10	5.10	3.90
SM-1	13202	.120	0.59	0.39	0.28	.28	natural	100	1,000	.20	5.95	4.55
SM-2	13203	.130	0.50	0.28	0.23	.16	natural	100	1,000	.30	5.10	3.90
SM-3	13204	.236	0.90	0.63	0.35	.35	natural	100	1,000	.50	7.85	6.05
SM-0-B	13205	.133	0.75	0.37	0.20	.20	black	100	1,000	.10	5.10	3.90
SM-OL-B	13206	.204	0.75	0.37	0.20	.20	black	100	1,000	.10	5.10	3.90
SM-1-B	13207	.120	0.59	0.39	0.28	.28	black	100	1,000	.20	5.95	4.55
SM-2-B	13208	.130	0.50	0.28	0.23	.16	black	100	1,000	.30	5.10	3.90
SM-3-B	13209	.236	0.90	0.63	0.35	.35	black	100	1,000	.50	7.85	6.05

### LOW PROFILE CABLE TIE MOUNTS



Manufactured using UL approved Nylon 66, 94V-2. The low profile head reduces the possibility of snagging.



CATALOG NO.	NAED NO.	SCREW SIZE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100 STD. PKG.	STD. CTN.
LPM-2	13220	#8	0.75	0.50	0.12	.18	natural	100	1,000	.50	25.95	19.95



## PUSH MOUNTS/SADDLE MOUNTS



Manufactured using UL approved Nylon 66, 94V-2.

CATALOG NO.	NAED NO.	FIGURE	(INCHES)			SLOT WIDTH	MOUNTING HOLE DIA.	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
			LENGTH	WIDTH	HEIGHT						STD. PKG.	STD. CTN.
PTM-1	13221	1	0.25	0.25	0.25	.16	.19	100	1,000	.10	8.95	7.45
PTM-2	13222	2	0.25	0.25	0.25	.20	.30	100	1,000	.23	21.95	18.35
PTM-3	13223	1	0.25	0.25	0.25	.26	.33	100	1,000	.27	9.85	8.20
LSPM-1	13224	3	0.44	0.22	0.50	n/a	.18	100	1,000	.15	9.55	7.95
LSPM-2	13225	4	0.44	0.22	0.50	n/a	.18	100	1,000	.15	11.95	9.95
LSPM-3	13226	3	0.44	0.22	0.71	n/a	.18	100	1,000	.18	9.55	7.95
LSPM-4	13227	4	0.44	0.22	0.71	n/a	.18	100	1,000	.19	11.95	9.95
PMCC-1	13228	5	0.44	0.53	0.31	n/a	.52	100	1,000	.25	9.95	8.40
TTPM-1	13229	6	n/a	0.44	0.71/1.18	n/a	.19	100	1,000	.20	14.35	11.95
TTPM-2	13230	6	n/a	0.44	0.48/1.00	n/a	.19	100	1,000	.28	14.35	11.95

## SELF ADHESIVE CABLE CLAMPS



These versatile clamps retain and support wire for a variety of applications. They install quickly

and allow for easy access. Made of the finest quality PVC, backed with quality adhesive tape.

CATALOG NO.	NAED NO.	(INCHES)			SLOT HEIGHT	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH	HEIGHT					STD. PKG.	STD. CTN.
SACC-1	13231	0.59	0.73	0.63	.63	100	1,000	.50	15.45	11.95
SACC-2	13232	1.00	0.73	0.63	.63	100	1,000	.80	20.75	15.95

## SELF ADHESIVE ADJUSTABLE CABLE CLAMPS



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These clamps are adjustable to accommodate various sizes of cables. They are easy to install and open for unlimited usage. Manufactured using UL approved Nylon 66, 94V-2 and have an adhesive tape backing.

CATALOG NO.	NAED NO.	(INCHES)			DIAMETER RANGE	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH	HEIGHT					STD. PKG.	STD. CTN.
ADJCC-1	13233	1.00	0.75	0.87	.31 to .40	100	1,000	.50	28.55	21.95
ADJCC-2	13234	1.00	0.75	1.09	.39 to .49	100	1,000	.60	32.45	24.95
ADJCC-3	13235	1.50	0.75	1.25	.50 to .60	100	1,000	1.00	36.35	27.95
ADJCC-4	13236	1.65	1.00	1.75	.65 to .79	100	1,000	1.50	40.25	30.95
ADJCC-5	13237	1.65	1.00	1.75	.87 to 1.00	100	1,000	1.60	41.55	31.95

## CABLE CLAMPS - ADHESIVE AND PUSH MOUNT

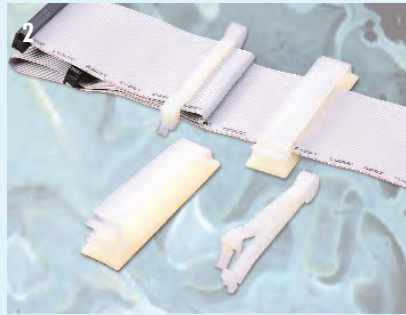
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0518**

A cost effective alternative to the adjustable cable clamp, the CC series of cable clamps offer the same labor saving benefits where the wide wire range is not required. Available in both self adhesive and push mount styles.

CATALOG NO.	NAED NO.	TYPE	(INCHES)			BUNDLE SIZE	MOUNTING HOLE SIZE	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
			LENGTH	WIDTH	HEIGHT						STD. PKG.	STD. CTN.
CC-1	13044	adhesive	1	.079	.24-.28	n/a	100	1000	.55	23.10	19.80	
CC-2	13045	adhesive	1	.079	.28-.32	n/a	100	1000	.59	26.18	22.44	
CC-3	13046	adhesive	1.18	.097	.35-.39	n/a	100	1000	.88	29.26	25.08	
CC-4	13047	push	1	.079	.24-.28	0.19	100	1000	.48	24.64	21.12	
CC-5	13048	push	1	.079	.28-.32	0.19	100	1000	.44	27.72	23.76	
CC-6	13049	push	1.18	.097	.35-.39	0.19	100	1000	.64	30.80	26.40	

### FLAT CABLE CLAMPS



The FCC-1 and FCC-2 are manufactured using the finest quality PVC and are backed with quality adhesive tape (figure 1).

The FCC-3, FCC-4 and FCC-5 are manufactured using UL approved Nylon 66, 94V-2, also backed with quality adhesive tape (figure 2). Suitable for 30 pin, 40 pin and 50 pin flat ribbon cable respectively. Internal finger maintains continuous pressure on ribbon cable.

CATALOG NO.	NAED NO.	FIGURE	(INCHES)			COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
			LENGTH	WIDTH	HEIGHT					STD. PKG.	STD. CTN.
FCC-1	13238	1	0.75	1.00	.394	grey	100	1,000	0.62	18.15	13.95
FCC-2	13239	1	1.00	1.00	.394	grey	100	1,000	0.78	20.75	15.95
FCC-3	13240	2	1.25	0.63	.445	natural	100	1,000	1.28	71.45	54.95
FCC-4	13241	2	2.13	0.63	.445	natural	100	1,000	1.53	89.65	68.95
FCC-5	13242	2	2.56	0.63	.445	natural	100	1,000	2.28	111.75	85.95

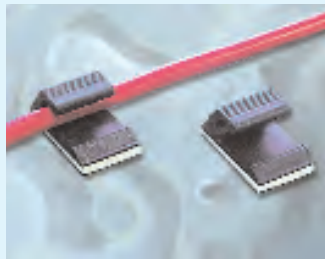
### SCREW MOUNT CABLE CLIP



Mechanically mounted clip holds cords, cables or tubing securely in place, eliminating the need for a cable tie. Manufactured using UL approved Nylon 66, 94V-2.

CATALOG NO.	NAED NO.	SCREW SIZE	(INCHES)			SLOT SIZE	COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
			LENGTH	WIDTH	HEIGHT						STD. PKG.	STD. CTN.
SMCC-1	13243	.196	0.75	0.75	.236	.173 x .173	natural	100	1,000	.70	10.35	7.95

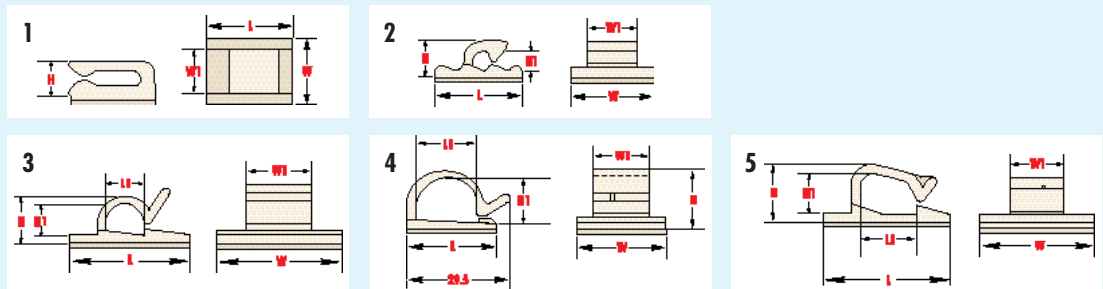
### SELF ADHESIVE CATV SIDING CLIP



Specifically designed for installation of 1/4" diameter cable (RG-59 or RG-6U). Manufactured using UL approved Nylon 66, 94V-2, backed with adhesive tape.

CATALOG NO.	NAED NO.	(INCHES)			SLOT HEIGHT	COLOR	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
		LENGTH	WIDTH	HEIGHT						STD. PKG.	STD. CTN.
CATV-1	13244	0.83	0.50	0.36	.25	black	100	1,000	.25	19.45	14.95

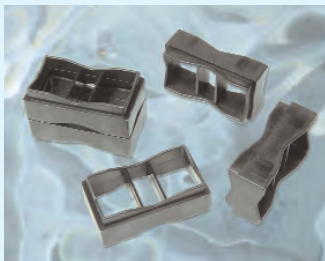
### SELF ADHESIVE CORD CLIPS



Manufactured using UL approved Nylon 66, 94V-2, backed with quality adhesive tape.

CATALOG NO.	NAED NO.	FIGURE	LENGTH	WIDTH	HEIGHT	SLOT SIZE	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
										STD. PKG.	STD. CTN.
ACC-1	13245	1	0.52	0.37	0.21	.35 x .11	100	1,000	0.10	15.55	11.95
ACC-2	13246	2	0.63	0.61	0.27	.16 x .16	100	1,000	0.20	17.90	13.95
ACC-3	13247	3	0.75	0.75	0.28	.23 x .19	100	1,000	0.60	24.65	18.95
ACC-4	13248	4	1.00	1.00	0.68	.70 x .53	100	1,000	0.80	35.05	26.95
ACC-5	13249	5	1.00	1.00	0.46	.47 x .33	100	1,000	0.80	35.05	26.95

### CABLE SPACER FOR MESSENGER STRAND



Stackable cable spacers for use with messenger strand to ensure proper spacing in overhead cable applications.

CATALOG NO.	NAED NO.	LENGTH	WIDTH	HEIGHT	SLOT SIZE	STD. PKG.	STD. CTN.	NET PRICE PER 100	
								STD. PKG.	STD. CTN.
MCS-1	13250	2.00	1.12	0.75	.71 x .47 x .71	200	1,000	77.90	59.90

### MASONRY PUSH MOUNTS



Manufactured using UL approved Nylon 66, 94V-2. Installs in masonry surfaces. Simply pre-drill a mounting hole, hammer the push mount in, then feed a cable tie through the head. Simple, fast and easy.

CATALOG NO.	NAED NO.	ACCEPTS CABLE TIE WIDTH	THREAD LENGTH	OVERALL WIDTH	THREAD WIDTH	HEAD SIZE L x W	STD. PKG.	STD. CTN.	SHPG. WT. LBS./100	NET PRICE PER 100	
										STD. PKG.	STD. CTN.
MPM-1	13251	.39	0.97	1.22	0.28	.49 x .47	100	500	.40	12.95	9.95
MPM-2	13252	.38	1.46	1.70	0.39	.50 x .49	100	500	.50	15.55	11.95



### NYLON CABLE CLAMPS - HEAVY DUTY



Heavy duty clamps are made from Nylon 66. 94V-2 rated. Designed to hold cables, tubes, etc. These clamps have fully radiused interior edges to protect cable insulation. Non-conductive, non-corrosive, resistant to fuels, lubricants and most chemicals. Complete with .180" mounting hole.



CATALOG NO.	NAED NO.	COLOR	INCHES			MM			STD. PKG.	STD. CARTON	NET PRICE PER 100	
			DIA.	WIDTH	LENGTH	DIA.	WIDTH	LENGTH			1 TO 9 PKG.	10 OR MORE PKG.
NCH-250	13020	natural	0.250	.500	0.79	6.3	12.7	19.8	100	1,200	13.40	10.75
NCH-250-0	13050	black	0.250	.500	0.79	6.3	12.7	19.8	100	1,200	13.40	10.75
NCH-312	13021	natural	0.312	.500	0.86	7.9	12.7	21.8	100	1,200	13.85	11.05
NCH-312-0	13051	black	0.312	.500	0.86	7.9	12.7	21.8	100	1,200	13.85	11.05
NCH-375	13022	natural	0.375	.472	0.94	9.5	12.0	24.0	100	1,200	14.80	11.85
NCH-375-0	13052	black	0.375	.472	0.94	9.5	12.0	24.0	100	1,200	14.80	11.85
NCH-437	13023	natural	0.437	.500	1.08	11.1	12.7	27.4	100	1,200	15.25	12.25
NCH-437-0	13123	black	0.437	.500	1.08	11.1	12.7	27.4	100	1,200	15.25	12.25
NCH-500	13024	natural	0.500	.472	1.22	12.7	12.0	31.0	100	1,200	15.80	12.65
NCH-500-0	13054	black	0.500	.472	1.22	12.7	12.0	31.0	100	1,200	15.80	12.65
NCH-562	13025	natural	0.562	.500	1.28	14.3	12.7	32.5	100	1,200	16.25	13.10
NCH-562-0	13058	black	0.562	.500	1.28	14.3	12.7	32.5	100	1,200	16.25	13.10
NCH-625	13026	natural	0.625	.472	1.35	15.8	12.0	34.3	100	1,200	16.80	13.40
NCH-625-0	13059	black	0.625	.472	1.35	15.8	12.0	34.3	100	1,200	16.80	13.40
NCH-687	13027	natural	0.687	.500	1.36	17.4	12.7	34.5	100	1,200	18.05	14.40
NCH-687-0	13107	black	0.687	.500	1.36	17.4	12.7	34.5	100	1,200	18.05	14.40
NCH-750	13028	natural	0.750	.472	1.38	19.4	12.0	35.0	100	1,200	19.30	15.35
NCH-750-0	13055	black	0.750	.472	1.38	19.4	12.0	35.0	100	1,200	19.30	15.35
NCH-812	13029	natural	0.812	.500	1.46	20.6	12.7	37.1	100	1,200	19.95	15.95
NCH-812-0	13108	black	0.812	.500	1.46	20.6	12.7	37.1	100	1,200	19.95	15.95
NCH-875	13030	natural	0.875	.500	1.55	22.2	12.7	39.4	100	1,200	20.25	16.15
NCH-875-0	13109	black	0.875	.500	1.55	22.2	12.7	39.4	100	1,200	20.25	16.15
NCH-1000	13031	natural	1.000	.472	1.69	25.4	12.0	43.0	100	1,200	22.95	18.30
NCH-1000-0	13056	black	1.000	.472	1.69	25.4	12.0	43.0	100	1,200	22.95	18.30
NCH-1125	13032	natural	1.125	.500	1.74	28.6	12.7	44.2	50	600	35.90	28.70
NCH-1125-0	13110	black	1.125	.500	1.74	28.6	12.7	44.2	50	600	35.90	28.70
NCH-1187	13033	natural	1.187	.500	1.78	30.1	12.7	45.2	50	600	38.30	30.65
NCH-1187-0	13111	black	1.187	.500	1.78	30.1	12.7	45.2	50	600	38.30	30.65
NCH-1250	13034	natural	1.250	.472	1.82	31.8	12.0	46.2	50	600	39.20	31.30
NCH-1250-0	13057	black	1.250	.472	1.82	31.8	12.0	46.2	50	600	39.20	31.30
NCH-1375	13035	natural	1.375	.500	1.88	34.9	12.7	47.7	50	600	40.65	32.55
NCH-1375-0	13112	black	1.375	.500	1.88	34.9	12.7	47.7	50	600	40.65	32.55
NCH-1500	13036	natural	1.500	.472	1.97	36.7	12.0	50.0	50	600	42.20	33.80
NCH-1500-0	13113	black	1.500	.472	1.97	36.7	12.0	50.0	50	600	42.20	33.80

### SNAP RIVETS



CATALOG NO.	NAED NO.	HOLE DIAMETER	INSERT DEPTH	STD. PKG.	STD. CTN.	NET PRICE PER 100	
						STD. PKG.	STD. CTN.
SR-1	16379	.244	.484	100	1,000	14.95	12.95

## NYLON CABLE CLAMPS - STANDARD DUTY

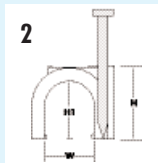
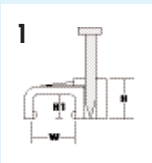


Standard duty clamps are similar to heavy duty nylon cable clamps, except narrower in width. Made from Nylon 66. 94 V-2 rated. Complete with .180" mounting hole.



CATALOG NO.	NAED NO.	COLOR	INCHES			MM			STD. PKG.	STD. CARTON	NET PRICE PER 100	
			DIA.	WIDTH	LENGTH	DIA.	WIDTH	LENGTH			1 TO 9 PKG.	10 OR MORE PKG.
NC-125	13000	natural	.125	.378	0.78	3.2	9.6	19.8	100	1,200	8.20	6.65
NC-125-0	13100	black	.125	.378	0.78	3.2	9.6	19.8	100	1,200	8.20	6.65
NC-187	13001	natural	.187	.378	0.78	4.8	9.6	19.8	100	1,200	8.75	7.05
NC-187-0	13101	black	.187	.378	0.78	4.8	9.6	19.8	100	1,200	8.75	7.05
NC-250	13002	natural	.250	.394	0.79	6.3	10.0	20.0	100	1,200	9.20	7.35
NC-250-0	13102	black	.250	.394	0.79	6.3	10.0	20.0	100	1,200	9.20	7.35
NC-312	13003	natural	.312	.394	0.86	7.9	10.0	22.0	100	1,200	9.65	7.75
NC-312-0	13103	black	.312	.394	0.86	7.9	10.0	22.0	100	1,200	9.65	7.75
NC-375	13004	natural	.375	.375	0.94	9.5	9.5	24.0	100	1,200	10.10	8.05
NC-375-0	13104	black	.375	.375	0.94	9.5	9.5	24.0	100	1,200	10.10	8.05
NC-437	13005	natural	.437	.375	1.08	11.1	9.5	27.4	100	1,200	10.35	8.20
NC-437-0	13105	black	.437	.375	1.08	11.1	9.5	27.4	100	1,200	10.35	8.20
NC-500	13006	natural	.500	.375	1.22	12.7	9.5	31.0	100	1,200	11.20	8.45
NC-500-0	13106	black	.500	.375	1.22	12.7	9.5	31.0	100	1,200	11.20	8.45

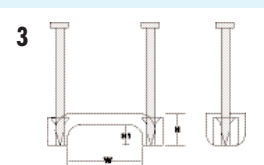
## POLYETHYLENE NAIL CLIPS



Made from impact resistant, non-corrosive polyethylene. Supplied with corrosion resistant, hardened steel nails already inserted for ease-of-use. The smooth polyethylene surface prevents damage to the insulation.

CATALOG NO.	NAED NO.	COLOR	FIGURE	INCHES			MM			STD. PKG.	STD. CARTON	NET PRICE PER 100	
				WIDTH	HEIGHT	HEIGHT 1	WIDTH	HEIGHT	HEIGHT 1			STD. PKG.	STD. CTN.
PNC-217W	14300	white	1	.217	.216	.122	5.5	5.5	3.1	100	1,000	3.45	2.85
PNC-335W	14301	white	1	.335	.315	.205	8.5	8.0	5.2	100	1,000	3.80	3.15
PNC-157G	14302	grey	2	.157	.260	.165	4.0	6.6	4.2	100	1,000	3.55	2.95
PNC-197G	14303	grey	2	.197	.299	.206	5.0	7.6	5.3	100	1,000	3.55	2.95
PNC-236G	14304	grey	2	.236	.354	.260	6.0	9.0	6.6	100	1,000	4.15	3.45
PNC-315G	14305	grey	2	.315	.453	.339	8.0	11.5	8.6	100	1,000	5.10	4.25
PNC-391G	14306	grey	2	.391	.528	.413	10.0	13.4	10.5	100	1,000	7.05	5.85

## NAIL-ON PLASTIC STAPLES FOR ROMEX CABLE



PNC-492W is suitable for use with 14/2, 14/3, or 12/2.  
PNC-736W is suitable for use with 12/3, 10/2, or 10/3.

CATALOG NO.	NAED NO.	COLOR	FIGURE	INCHES			MM			STD. PKG.	STD. CARTON	NET PRICE PER 100	
				WIDTH	HEIGHT	HEIGHT 1	WIDTH	HEIGHT	HEIGHT 1			STD. PKG.	STD. CTN.
PNC-492W	14307	white	3	.492	.315	.209	12.5	8.0	5.3	500	5,000	5.90	4.90
PNC-736W	14308	white	3	.736	.315	.209	18.7	8.0	5.3	500	3,000	7.15	5.90

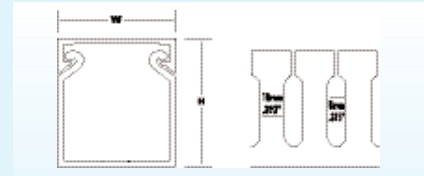
### STANDARD SLOT PANEL CHANNEL



Made from high-impact, self-extinguishing, warp-proof PVC for the routing of wires. The restricted slot opening is designed to retain wires and allow for breakout when required. Individual wires are easily traced and removed when necessary. Scored sidewalls allow for easy break-off of Panel Channel sections.

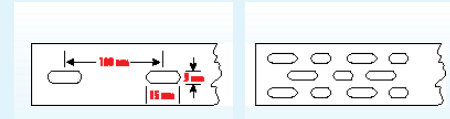
All sizes are supplied complete with mounting holes and non-slip, snap-on and off covers. Optional adhesive backing is available, see page 14. Maximum service temperature: 85°C. Tested to UL File up to 50°C. 94V-O Rated. For sizes not listed, please contact NSi.

Finger width = 10 mm, slot width = 8 mm.



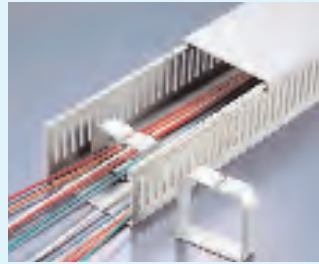
Mounting holes:  
For widths up to 2.5"

For widths over 2.5"

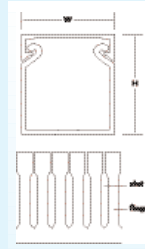


CATALOG NO.	NAED NO.	COLOR	NOMINAL SIZE	INCHES		MM		LENGTH (IN FEET)	STD. CARTON	SHPG WT LBS./CTN	NET PRICE PER FOOT	
				WIDTH	HEIGHT	WIDTH	HEIGHT				1-4 CTN.	5+ CTN.
PC7575-LS	09587	grey	3/4 x 3/4	.75	.75	20	20	6	72 ft.	7	2.92	2.58
PC7575-LS-W	09588	white	3/4 x 3/4	.75	.75	20	20	6	72 ft.	7	2.92	2.58
PC1010-LS	09500	grey	1 x 1	.984	1.18	25	30	6	72 ft.	14	3.40	3.00
PC1010-LS-W	09501	white	1 x 1	.984	1.18	25	30	6	72 ft.	14	3.40	3.00
PC1015-LS	09503	grey	1 x 1 1/2	.984	1.57	25	40	6	72 ft.	16	4.30	3.80
PC1015-LS-W	09504	white	1 x 1 1/2	.984	1.57	25	40	6	72 ft.	16	4.30	3.80
PC1020-LS	09506	grey	1 x 2	.984	1.97	25	50	6	72 ft.	21	4.40	3.95
PC1020-LS-W	09508	white	1 x 2	.984	1.97	25	50	6	72 ft.	21	4.40	3.95
PC1030-LS	09509	grey	1 x 3	.984	2.95	25	75	6	72 ft.	29	5.65	4.85
PC1030-LS-W	09511	white	1 x 3	.984	2.95	25	75	6	72 ft.	29	5.65	4.85
PC1040-LS	09512	grey	1 x 4	1.30	3.94	33	100	6	72 ft.	35	6.85	5.95
PC1040-LS-W	09513	white	1 x 4	1.30	3.94	33	100	6	72 ft.	35	6.85	5.95
PC1515-LS	09515	grey	1 1/2 x 1 1/2	1.57	1.57	40	40	6	72 ft.	18	4.70	4.05
PC1515-LS-W	09516	white	1 1/2 x 1 1/2	1.57	1.57	40	40	6	72 ft.	18	4.70	4.05
PC1520-LS	09518	grey	1 1/2 x 2	1.49	1.97	38	50	6	72 ft.	22	5.15	4.45
PC1520-LS-W	09520	white	1 1/2 x 2	1.49	1.97	38	50	6	72 ft.	22	5.15	4.45
PC1530-LS	09521	grey	1 1/2 x 3	1.57	3.14	40	80	6	72 ft.	30	5.95	5.20
PC1530-LS-W	09523	white	1 1/2 x 3	1.57	3.14	40	80	6	72 ft.	30	5.95	5.20
PC1540-LS	09524	grey	1 1/2 x 4	1.57	3.94	40	100	6	72 ft.	36	5.80	5.05
PC1540-LS-W	09525	white	1 1/2 x 4	1.57	3.94	40	100	6	72 ft.	36	5.80	5.05
PC2010-LS	09527	grey	2 x 1 1/2	2.36	1.57	60	40	6	72 ft.	22	5.00	4.30
PC2010-LS-W	09528	white	2 x 1 1/2	2.36	1.57	60	40	6	72 ft.	22	5.00	4.30
PC2020-LS	09530	grey	2 x 2	1.97	1.97	50	50	6	72 ft.	27	5.30	4.70
PC2020-LS-W	09532	white	2 x 2	1.97	1.97	50	50	6	72 ft.	27	5.30	4.70
PC2030-LS	09533	grey	2 x 3	1.97	2.95	50	75	6	72 ft.	32	6.60	5.75
PC2030-LS-W	09535	white	2 x 3	1.97	2.95	50	75	6	72 ft.	32	6.60	5.75
PC2040-LS	09536	grey	2 x 4	1.89	3.94	48	100	6	72 ft.	42	7.40	6.40
PC2040-LS-W	09537	white	2 x 4	1.89	3.94	48	100	6	72 ft.	42	7.40	6.40
PC3020-LS	09542	grey	3 x 2	3.14	2.36	80	60	6	72 ft.	34	6.85	5.95
PC3020-LS-W	09543	white	3 x 2	3.14	2.36	80	60	6	72 ft.	34	6.85	5.95
PC3030-LS	09545	grey	3 x 3	2.95	2.95	75	75	6	36 ft.	21	7.90	6.90
PC3030-LS-W	09547	white	3 x 3	2.95	2.95	75	75	6	36 ft.	21	7.90	6.90
PC3040-LS	09548	grey	3 x 4	2.95	3.94	75	100	6	36 ft.	24	9.25	8.05
PC3040-LS-W	09550	white	3 x 4	2.95	3.94	75	100	6	36 ft.	24	9.25	8.05
PC4020-LS	09551	grey	4 x 2	3.94	1.97	100	50	6	36 ft.	22	7.60	6.70
PC4020-LS-W	09552	white	4 x 2	3.94	1.97	100	50	6	36 ft.	22	7.60	6.70
PC4030-LS	09554	grey	4 x 3	3.94	3.14	100	80	6	36 ft.	25	8.50	7.40
PC4030-LS-W	09555	white	4 x 3	3.94	3.14	100	80	6	36 ft.	25	8.50	7.40
PC4040-LS	09557	grey	4 x 4	3.94	3.94	100	100	6	36 ft.	30	9.95	8.80
PC4040-LS-W	09559	white	4 x 4	3.94	3.94	100	100	6	36 ft.	30	9.95	8.80
PC6040-LS	09589	grey	6 x 4	6.0	4.0	150	100	6	36 ft.	48	18.64	11.65
PC6040-LS-W	09590	white	6 x 4	6.0	4.0	150	100	6	36 ft.	48	18.64	11.65

### NARROW FINGER PANEL CHANNEL (HIGH DENSITY)



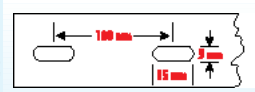
Similar to our standard slot panel channel except the finger width is 6 mm and the slot width is 4 mm. Made from high-impact, self-extinguishing, warp-proof PVC. Optional adhesive backing is available, see page 14. Maximum service temperature: 85°C. Tested to UL File up to 50°C. 94V-O rated.



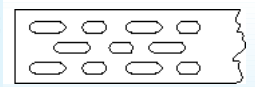
Finger width = 6 mm, slot width = 4 mm.

Mounting holes:

For widths up to 2.5"



For widths over 2.5"



CATALOG NO.	NAED NO.	COLOR	NOMINAL SIZE	INCHES		MM		LENGTH (IN FEET)	STD. CARTON	SHPG WT LBS./6 FT.	NET PRICE PER FOOT	
				WIDTH	HEIGHT	WIDTH	HEIGHT				1-4 CTN.	5+ CTN.
PC.75.75-LSN	09330	grey	3/4 x 3/4	0.787	0.787	20	20	6	72 ft.	0.5	3.10	2.75
PC.75.75-LSN-W	09331	white	3/4 x 3/4	0.787	0.787	20	20	6	72 ft.	0.5	3.10	2.75
PC1010-LSN	09332	grey	1 x 1	0.984	0.984	25	25	6	72 ft.	0.7	3.40	3.00
PC1010-LSN-W	09333	white	1 x 1	0.984	0.984	25	25	6	72 ft.	0.7	3.40	3.00
PC10125-LSN	09334	grey	1 x 1 1/4	0.984	1.18	20	30	6	72 ft.	0.9	3.60	3.20
PC10125-LSN-W	09335	white	1 x 1 1/4	0.984	1.18	20	30	6	72 ft.	0.9	3.60	3.20
PC1015-LSN	09336	grey	1 x 1 1/2	0.984	1.57	25	40	6	72 ft.	1.0	4.30	3.80
PC1015-LSN-W	09337	white	1 x 1 1/2	0.984	1.57	25	40	6	72 ft.	1.0	4.30	3.80
PC10175-LSN	09338	grey	1 x 1 3/4	0.984	1.77	25	45	6	72 ft.	0.9	4.35	3.85
PC10175-LSN-W	09339	white	1 x 1 3/4	0.984	1.77	25	45	6	72 ft.	0.9	4.35	3.85
PC1020-LSN	09340	grey	1 x 2	0.984	2.36	25	60	6	72 ft.	1.2	4.45	3.95
PC1020-LSN-W	09341	white	1 x 2	0.984	2.36	25	60	6	72 ft.	1.2	4.45	3.95
PC10250-LSN	09342	grey	1 x 2 1/2	0.984	2.56	25	65	6	72 ft.	1.2	4.80	4.25
PC10250-LSN-W	09343	white	1 x 2 1/2	0.984	2.56	25	65	6	72 ft.	1.2	4.80	4.25
PC1030-LSN	09585	grey	1 x 3	0.984	3.15	25	80	6	72 ft.	1.3	5.15	4.55
PC1030-LSN-W	09586	white	1 x 3	0.984	3.15	25	80	6	72 ft.	1.3	5.15	4.55
PC1515-LSN	09345	grey	1 1/2 x 1 1/2	1.57	1.57	40	40	6	72 ft.	1.4	4.60	4.05
PC1515-LSN-W	09346	white	1 1/2 x 1 1/2	1.57	1.57	40	40	6	72 ft.	1.4	4.60	4.05
PC1520-LSN	09347	grey	1 1/2 x 2	1.57	2.36	40	60	6	72 ft.	1.8	5.05	4.45
PC1520-LSN-W	09348	white	1 1/2 x 2	1.57	2.36	40	60	6	72 ft.	1.8	5.05	4.45
PC1530-LSN	09349	grey	1 1/2 x 3	1.57	3.15	40	80	6	72 ft.	2.1	5.70	5.05
PC1530-LSN-W	09350	white	1 1/2 x 3	1.57	3.15	40	80	6	72 ft.	2.1	5.70	5.05
PC1540-LSN	09351	grey	1 1/2 x 4	1.57	3.94	40	100	6	72 ft.	2.6	5.90	5.20
PC1540-LSN-W	09352	white	1 1/2 x 4	1.57	3.94	40	100	6	72 ft.	2.6	5.90	5.20
PC175175-LSN	09353	grey	1 3/4 x 1 3/4	1.77	1.77	45	45	6	72 ft.	1.4	5.10	4.50
PC175175-LSN-W	09354	white	1 3/4 x 1 3/4	1.77	1.77	45	45	6	72 ft.	1.4	5.10	4.50
PC2015-LSN	09355	grey	2 x 1 1/2	2.36	1.57	60	40	6	72 ft.	1.5	4.85	4.30
PC2015-LSN-W	09356	white	2 x 1 1/2	2.36	1.57	60	40	6	72 ft.	1.5	4.85	4.30
PC2020-LSN	09357	grey	2 x 2	1.97	1.97	50	50	6	72 ft.	1.6	5.30	4.70
PC2020-LSN-W	09358	white	2 x 2	1.97	1.97	50	50	6	72 ft.	1.6	5.30	4.70
PC2030-LSN	09359	grey	2 x 3	2.36	3.15	60	80	6	72 ft.	2.8	6.50	5.75
PC2030-LSN-W	09360	white	2 x 3	2.36	3.15	60	80	6	72 ft.	2.8	6.50	5.75
PC2040-LSN	09361	grey	2 x 4	2.36	3.94	60	100	6	72 ft.	3.0	7.25	6.40
PC2040-LSN-W	09362	white	2 x 4	2.36	3.94	60	100	6	72 ft.	3.0	7.25	6.40
PC3020-LSN	09363	grey	3 x 2	3.15	2.36	80	60	6	72 ft.	3.1	6.70	5.95
PC3020-LSN-W	09364	white	3 x 2	3.15	2.36	80	60	6	72 ft.	3.1	6.70	5.95
PC3030-LSN	09365	grey	3 x 3	3.15	3.15	80	80	6	36 ft.	3.8	7.80	6.90
PC3030-LSN-W	09366	white	3 x 3	3.15	3.15	80	80	6	36 ft.	3.8	7.80	6.90
PC3040-LSN	09367	grey	3 x 4	3.15	3.94	80	100	6	36 ft.	4.3	9.10	8.05
PC3040-LSN-W	09368	white	3 x 4	3.15	3.94	80	100	6	36 ft.	4.3	9.10	8.05
PC4020-LSN	09369	grey	4 x 2	3.94	2.36	100	60	6	36 ft.	3.5	7.55	6.70
PC4020-LSN-W	09370	white	4 x 2	3.94	2.36	100	60	6	36 ft.	3.5	7.55	6.70
PC4030-LSN	09371	grey	4 x 3	3.94	3.15	100	80	6	36 ft.	4.0	8.35	7.40
PC4030-LSN-W	09372	white	4 x 3	3.94	3.15	100	80	6	36 ft.	4.0	8.35	7.40
PC4040-LSN	09373	grey	4 x 4	3.94	3.94	100	100	6	36 ft.	4.2	9.95	8.80
PC4040-LSN-W	09374	white	4 x 4	3.94	3.94	100	100	6	36 ft.	4.2	9.95	8.80





# Panel Channel, Surface Raceways

NORYL PANEL CHANNEL/SOLID WALL PANEL CHANNEL/DUCT CUTTING TOOLS

## NORYL PANEL CHANNEL (NARROW FINGER)

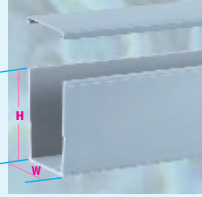


Noryl panel channel is free from toxic halogens, has excellent low smoke characteristics and high operating temperatures.

Recommended for use where human life or electronic components are at risk.

CATALOG NO.	NAED NO.	COLOR	NOMINAL SIZE	INCHES		MM		LENGTH (IN FEET)	STD. CARTON	SHPG WT LBS./CTN	NET PRICE PER FOOT	
				WIDTH	HEIGHT	WIDTH	HEIGHT				1-4 CTN.	5+ CTN.
PCN-1015-LSN	09375	black	1 x 1 1/2	1.0	1.5	25	38	6.5	78	1.2	17.95	14.95
PCN-1020-LSN	09376	black	1 x 2	1.0	2.0	25	50	6.5	78	1.4	21.55	17.95
PCN-1030-LSN	09377	black	1 x 3	1.0	3.0	25	75	6.5	52	1.6	23.95	19.95
PCN-2015-LSN	09378	black	2 x 1 1/2	2.0	1.5	50	38	6.5	78	1.5	20.35	16.95
PCN-2020-LSN	09379	black	2 x 2	2.0	2.0	50	50	6.5	52	1.8	23.70	19.75
PCN-2030-LSN	09380	black	2 x 3	2.0	3.0	50	75	6.5	52	2.8	32.35	26.95
PCN-3030-LSN	09381	black	3 x 3	3.0	3.0	75	75	6.5	52	3.8	40.70	33.90

## SOLID WALL PANEL CHANNEL



Made from high-impact, self-extinguishing, warp-proof PVC for the routing of wires where wire extraction is not necessary. All sizes are supplied complete with mounting holes and non-slip, snap-on and off covers. Optional adhesive backing is available. Maximum service temperature: 85°C. Tested to UL File up to 50°C.

94V-O Rated. For sizes not listed, please contact NSi.

CATALOG NO.	NAED NO.	COLOR	NOMINAL SIZE (INCHES)	INCHES		MM		LENGTH (IN FEET)	STD. CARTON	SHPG WT LBS./CTN	NET PRICE PER FOOT	
				WIDTH	HEIGHT	WIDTH	HEIGHT				1-4 CTN.	5+ CTN.
PC1010	09400	grey	1 x 1	1.25	1.12	31	28	6	72 ft.	15	3.40	3.00
PC1010-W	09401	white	1 x 1	1.25	1.12	31	28	6	72 ft.	15	3.40	3.00
PC1015	09403	grey	1 x 1 1/2	.984	1.57	25	40	6	72 ft.	19	4.30	3.80
PC1015-W	09502	white	1 x 1 1/2	1.25	1.62	31	41	6	72 ft.	19	4.30	3.80
PC1020	09406	grey	1 x 2	.984	1.97	25	50	6	72 ft.	24	4.40	3.95
PC1020-W	09505	white	1 x 2	1.25	2.12	31	54	6	72 ft.	24	4.40	3.95
PC2010	09427	grey	2 x 1	2.25	1.12	57	28	6	72 ft.	22	5.00	4.30
PC2010-W	09529	white	2 x 1	2.25	1.12	57	28	6	72 ft.	22	5.00	4.30
PC2020	09430	grey	2 x 2	1.97	1.97	50	50	6	72 ft.	32	5.30	4.70
PC2020-W	09538	white	2 x 2	2.25	2.12	57	54	6	72 ft.	32	5.30	4.70
PC2030	09433	grey	2 x 3	1.97	2.95	50	75	6	72 ft.	37	6.60	5.75
PC2030-W	09544	white	2 x 3	2.25	3.12	57	79	6	72 ft.	37	6.60	5.75
PC3020	09442	grey	3 x 2	2.25	3.12	57	79	6	72 ft.	38	6.85	5.95
PC3020-W	09553	white	3 x 2	3.25	2.12	82	54	6	72 ft.	38	6.85	5.95
PC3030	09445	grey	3 x 3	2.95	2.95	75	75	6	36 ft.	25	7.90	6.90
PC3030-W	09556	white	3 x 3	3.25	3.12	82	79	6	36 ft.	25	7.90	6.90
PC4030	09454	grey	4 x 3	3.94	3.14	100	80	6	36 ft.	28	8.50	7.40
PC4040	09457	grey	4 x 4	3.94	3.94	100	100	6	36 ft.	28	8.50	7.40

## PANEL CHANNEL WIRE RETAINERS

ABS Material, Grey in color.

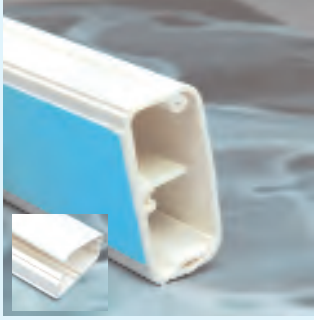
CATALOG NO.	NAED NO.	WIDTH X HEIGHT	SUITABLE FOR SIZES	STD.	STD.	SHPG WT LBS./100	NET PRICE EACH	
				PACKAGE	CARTON		STD. PKG.	STD. CTN.
WR10175		.787 x 1.58	PC10175-LS and larger	100	1000	1.54	0.90	0.85
WR175175		1.58 x 1.58	PC1751750-LS and larger	100	1000	2.42	1.10	0.99
WR3020		2.76 x 1.58	PC3020-LS and larger	100	1000	3.77	1.30	1.25
WR1030		.787 x 2.56	PC1030-LS and larger	100	1000	2.04	1.10	0.99
WR2030		1.58 x 2.56	PC2030-LS and larger	100	1000	3.77	1.20	1.15
WR3030		2.56 x 2.56	PC3030-LS and larger	100	1000	5.72	1.30	1.25

## DUCT CUTTING TOOLS



CATALOG NO.	NAED NO.		STD. PKG.	STD. CTN.	NET PRICE EACH	
					STD. PKG.	STD. CTN.
DCT-1	16496	standard duty (not shown)	1	6	79.00	69.00
DCT-2	16497	heavy duty	1	6	89.00	79.00

### ONE-PIECE 600V LATCHING DUCT



One-piece surface raceway is made from high-impact PVC and is UL Listed for power applications up to 600 volts. 94V-0 rated. Meets UL's strict impact test requirements and features a reinforcing arm which prevents crushing and accidental opening on impact. Can be opened and closed repeatedly without cracking. Base is covered with a high-performance adhesive to guarantee secure installation. May be painted with a latex-based paint. Accessories feature a

patented connection system which allows for perfect installation every time. Supplied in standard 6 and 8 foot lengths. Standard colors are off white, white and electric ivory. Note: 600V CAT 5E/6 Compliant fittings are available.

CATALOG NO.	NAED NO.	DUCT SIZE	COLOR	STD. CTN.	WIDTH (IN.)		HEIGHT (IN.)		LENGTH FEET	NET PRICE EACH	
					I.D.	O.D.	I.D.	O.D.		1-4 CTN.	5+ CTN.
LD50	16001	1/2"	off white	120 ft	0.43	0.66	0.37	0.48	6	12.30	10.25
LD50-8	16120	1/2"	off white	120 ft	0.43	0.66	0.37	0.48	8	14.25	12.50
LD50W	16004	1/2"	white	120 ft	0.43	0.66	0.37	0.48	6	12.30	10.25
LD50W-8	16121	1/2"	white	120 ft	0.43	0.66	0.37	0.48	8	14.25	12.50
LD50EI	16122	1/2"	electric ivory	120 ft	0.43	0.66	0.37	0.48	6	12.30	10.25
LD50EI-8	16123	1/2"	electric ivory	120 ft	0.43	0.66	0.37	0.48	8	14.25	12.50
LD100	16002	1"	off white	120 ft	1.18	1.40	0.48	0.60	6	16.95	14.15
LD100-8	16124	1"	off white	120 ft	1.18	1.40	0.48	0.60	8	21.00	17.50
LD100W	16005	1"	white	120 ft	1.18	1.40	0.48	0.60	6	16.95	14.15
LD100W-8	16125	1"	white	120 ft	1.18	1.40	0.48	0.60	8	21.00	17.50
LD100EI	16126	1"	electric ivory	120 ft	1.18	1.40	0.48	0.60	6	16.95	14.15
LD100EI-8	16127	1"	electric ivory	120 ft	1.18	1.40	0.48	0.60	8	21.00	17.50
LD200	16301	2"	off white	120 ft	2.18	2.35	0.62	0.75	6	40.55	33.80
LD200-8	16128	2"	off white	120 ft	2.18	2.35	0.62	0.75	8	54.00	45.00
LD200W	16302	2"	white	120 ft	2.18	2.35	0.62	0.75	6	40.55	33.80
LD200W-8	16129	2"	white	120 ft	2.18	2.35	0.62	0.75	8	54.00	45.00
LD200EI	16130	2"	electric ivory	120 ft	2.18	2.35	0.62	0.75	6	40.55	33.80
LD200EI-8	16131	2"	electric ivory	120 ft	2.18	2.35	0.62	0.75	8	54.00	45.00

### JUNCTION BOXES

CATALOG NO.	NAED. NO.	DUCT SIZE	COLOR	STD. CTN.	NET PRICE EACH	
					1-4 CTN.	5+ CTN.
LDJB-1	16091	1/2 -2"	off white	4	8.35	6.95
LDJB-1W	16085	1/2 -2"	white	4	8.35	6.95
LDJB-1EI	16132	1/2 -2"	electric ivory	4	8.35	6.95
LDJB-1.5	16087	1/2 -1"	off white	4	9.55	7.95
LDJB-1.5W	16088	1/2 -1"	white	4	9.55	7.95
LDJB-1.5EI	16134	1/2 -1"	electric ivory	4	9.55	7.95
LDJB-2	16092	1/2 -2"	off white	2	9.55	7.95
LDJB-2W	16086	1/2 -2"	white	2	9.55	7.95
LDJB-2EI	16133	1/2 -2"	electric ivory	2	9.55	7.95

SINGLE GANG



CATALOG NO.	NAED. NO.	DUCT SIZE	COLOR	STD. CTN.	NET PRICE EACH	
					1-4 CTN.	5+ CTN.
LDJB-R	16093	1/2 -2"	off white	2	18.95	15.95
LDJB-RW	16090	1/2 -2"	white	2	18.95	15.95
LDJB-REI	16136	1/2 -2"	electric ivory	2	18.95	15.95

ROUND BOXES



Round box for mounting smoke alarm, ceiling fan, light fixture. Two knockouts for 1" duct and two for 1/2" duct. 1 1/4" depth, 5 3/4" diameter.

Junction boxes with pre-scored knockouts on all four sides. Standard NEMA mounting pattern. Will accommodate electrical, phone and datacom devices and plates. LDJB-1=1" depth; LDJB-1.5 = 1.5" depth; LDJB-2 = 2" depth.



DOUBLE GANG

LD2JB-1.5	16096	1/2 -2"	off white	2	12.95	10.95
LD2JB-1.5W	16089	1/2 -2"	white	2	12.95	10.95
LD2JB-1.5EI	16135	1/2 -2"	electric ivory	2	12.95	10.95

Double gang junction boxes with pre-scored knockouts on all four sides. Standard NEMA mounting pattern. Will accommodate electrical, phone and datacom devices and plates. Depth is 1 1/2".

### ONE-PIECE 600V LATCHING DUCT - STANDARD FITTINGS

CATALOG NO.	NAED. NO.	DUCT SIZE	STD. COLOR	NET PRICE EACH	CTN.	1-4 CTN.	5+ CTN.
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90 DEGREE ELBOW

LDEL50	16061	1/2"	off white	10	2.95	2.45	
LDEL50W	16062	1/2"	white	10	2.95	2.45	
LDEL50EI	16137	1/2"	electric ivory	10	2.95	2.45	
LDEL100	16062	1"	off white	10	3.15	2.60	
LDEL100W	16064	1"	white	10	3.15	2.60	
LDEL100EI	16138	1"	electric ivory	10	3.15	2.60	



TEE FITTING

LDTC50	16071	1/2"	off white	10	3.15	2.60	
LDTC50W	16073	1/2"	white	10	3.15	2.60	
LDTC50EI	16140	1/2"	electric ivory	10	3.15	2.60	
LDTC100	16072	1"	off white	10	3.50	2.90	
LDTC100W	16074	1"	white	10	3.50	2.90	
LDTC100EI	16141	1"	electric ivory	10	3.50	2.90	



TEE REDUCING FITTING 1" TO 1/2"

LDTCR100	16082	1"	off white	5	4.45	3.70	
LDTCR100W	16083	1"	white	5	4.45	3.70	
LDTCR100EI	16143	1"	electric ivory	5	4.45	3.70	



INTERNAL ELBOW

LDIC50	16011	1/2"	off white	10	3.00	2.50	
LDIC50W	16013	1/2"	white	10	3.00	2.50	
LDIC50EI	16144	1/2"	electric ivory	10	3.00	2.50	
LDIC100	16012	1"	off white	10	3.30	2.75	
LDIC100W	16014	1"	white	10	3.30	2.75	
LDIC100EI	16145	1"	electric ivory	10	3.30	2.75	



EXTERNAL ELBOW

LDEC50	16021	1/2"	off white	10	3.00	2.50	
LDEC50W	16023	1/2"	white	10	3.00	2.50	
LDEC50EI	16147	1/2"	electric ivory	10	3.00	2.50	
LDEC100	16022	1"	off white	10	3.25	2.70	
LDEC100W	16024	1"	white	10	3.25	2.70	
LDEC100EI	16148	1"	electric ivory	10	3.25	2.70	



MOUNTING CLIP

LDMC50	15990	1/2"	off white	10	1.75	1.45	
LDMC50W	15991	1/2"	white	10	1.75	1.45	
LDMC50EI	15992	1/2"	electric ivory	10	1.75	1.45	
LDMC100	15993	1"	off white	10	1.80	1.50	
LDMC100W	15994	1"	white	10	1.80	1.50	
LDMC100EI	15995	1"	electric ivory	10	1.80	1.50	
LDMC200	15996	2"	off white	5	1.85	1.55	
LDMC200W	15997	2"	white	5	1.85	1.55	
LDMC200EI	15998	2"	electric ivory	5	1.85	1.55	

Required for 120 V and higher applications only.



END CAP

CATALOG NO.	NAED. NO.	DUCT SIZE	STD. COLOR	NET PRICE EACH	CTN.	1-4 CTN.	5+ CTN.
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LDEN50	16031	1/2"	off white	10	1.30	1.10	
LDEN50W	16033	1/2"	white	10	1.30	1.10	
LDEN50EI	16150	1/2"	electric ivory	10	1.30	1.10	
LDEN100	16032	1"	off white	10	1.90	1.60	
LDEN100W	16034	1"	white	10	1.90	1.60	
LDEN100EI	16151	1"	electric ivory	10	1.90	1.60	
LDEN200	16311	2"	off white	5	3.15	2.60	
LDEN200W	16312	2"	white	5	3.15	2.60	
LDEN200EI	16152	2"	electric ivory	5	3.15	2.60	



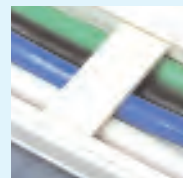
END CAP REDUCING FITTING

LDSCR100-50	16153	1 to 1/2"	off white	10	2.45	2.05	
LDSCR100-50-W	16154	1 to 1/2"	white	10	2.45	2.05	
LDSCR100-50EI	16155	1 to 1/2"	electric ivory	10	2.45	2.05	
LDSCR200-50	16156	2 to 1/2"	off white	5	3.75	3.15	
LDSCR200-50W	16157	2 to 1/2"	white	5	3.75	3.15	
LDSCR200-50EI	16158	2 to 1/2"	electric ivory	5	3.75	3.15	
LDSCR200-100	16159	2 to 1"	off white	5	3.75	3.15	
LDSCR200-100W	16160	2 to 1"	white	5	3.75	3.15	
LDSCR200-100EI	16161	2 to 1"	electric ivory	5	3.75	3.15	



SPLICE COVER

LDSC50	16051	1/2"	off white	10	1.25	1.05	
LDSC50W	16053	1/2"	white	10	1.25	1.05	
LDSC50EI	16162	1/2"	electric ivory	10	1.25	1.05	
LDSC100	16052	1"	off white	10	1.95	1.65	
LDSC100W	16054	1"	white	10	1.95	1.65	
LDSC100EI	16163	1"	electric ivory	10	1.95	1.65	
LDSC200	16313	2"	off white	5	2.90	2.40	
LDSC200W	16314	2"	white	5	2.90	2.40	
LDSC200EI	16164	2"	electric ivory	5	2.90	2.40	



WIRE RETAINER

LDWR50	16056	1/2"	off white	10	0.45	0.35	
LDWR50W	16057	1/2"	white	10	0.45	0.35	
LDWR50EI	16165	1/2"	electric ivory	10	0.45	0.35	
LDWR100	16058	1"	off white	10	0.45	0.35	
LDWR100W	16059	1"	white	10	0.45	0.35	
LDWR100EI	16166	1"	electric ivory	10	0.45	0.35	



DIVIDER - 1" LATCHING DUCT ONLY

LDCT100	16037	1"	off white	10	3.40	2.85	
LDCT100W	16038	1"	white	10	3.40	2.85	
LDCT1000EI	16167	1"	electric ivory	10	3.40	2.85	

Allows installation of power and data in LD100 raceway only.

## CATEGORY 5E/FIBER RATED FITTINGS

CATALOG NO.	NAED. NO.	DUCT SIZE	STD. COLOR	CTN.	NET PRICE EACH	
				1-4 CTN.	5+ CTN.	



LDFEL100	16048	1"	off white	5	4.30	3.60
LDFEL100W	16049	1"	white	5	4.30	3.60
LDFEL100EI	16168	1"	electric ivory	5	4.30	3.60
LDFEL200	16169	2"	off white	5	6.90	5.75
LDFEL200W	16170	2"	white	5	6.90	5.75
LDFEL200EI	16171	2"	electric ivory	5	6.90	5.75

90 DEGREE ELBOW – 1 1/2" BEND RADIUS



LDFTC100	16046	1"	off white	5	5.95	4.95
LDFTC100W	16047	1"	white	5	5.95	4.95
LDFTC100EI	16172	1"	electric ivory	5	5.95	4.95
LDFTC200	16173	2"	off white	5	9.05	7.55
LDFTC200W	16174	2"	white	5	9.05	7.55
LDFTC200EI	16175	2"	electric ivory	5	9.05	7.55

TEE FITTING – 1 1/2" BEND RADIUS



LDVIC100	16068	1"	off white	5	5.50	4.60
LDVIC100W	16069	1"	white	5	5.50	4.60
LDVIC100EI	16176	1"	electric ivory	5	5.50	4.60
LDVIC200	16177	2"	off white	5	8.50	7.10
LDVIC200W	16178	2"	white	5	8.50	7.10
LDVIC200EI	16179	2"	electric ivory	5	8.50	7.10

INTERNAL ELBOW – 1 1/2" BEND RADIUS



LDVFC100	16066	1"	off white	5	5.40	4.50
LDVFC100W	16067	1"	white	5	5.40	4.50
LDVFC100EI	16180	1"	electric ivory	5	5.40	4.50
LDVFC200	16181	2"	off white	5	8.35	6.95
LDVFC200W	16182	2"	white	5	8.35	6.95
LDVFC200EI	16183	2"	electric ivory	5	8.35	6.95

EXTERNAL ELBOW – 1 1/2" BEND RADIUS



END ENTRANCE FITTING



DROP CEILING FITTING



OUTLET BOX ADAPTER

CATALOG NO.	NAED. NO.	DUCT SIZE	STD. COLOR	CTN.	NET PRICE EACH	
				1-4 CTN.	5+ CTN.	

LDCA100	16094	1"	off white	2	8.10	6.75
LDCA100W	16095	1"	white	2	8.10	6.75
LDCA100EI	16184	1"	electric ivory	2	8.10	6.75

LDCS50	16185	1/2"	off white	10	3.05	2.50
LDCS50W	16186	1/2"	white	10	3.05	2.50
LDCS50EI	16187	1/2"	electric ivory	10	3.05	2.50
LDCS100	16042	1"	off white	10	3.15	2.60
LDCS100W	16044	1"	white	10	3.15	2.60
LDCS100EI	16188	1"	electric ivory	10	3.15	2.60

LDOBA100	16189	1"	off white	10	2.75	2.25
LDOBA100W	16190	1"	white	10	2.75	2.25
LDOBA100EI	16191	1"	electric ivory	10	2.75	2.25

## FLOOR DUCT

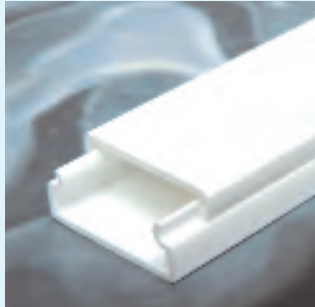


2.5" and 4" wide floor duct for use as safe temporary enclosure of electrical cords, data communications cables and other objects that present a trip hazard. Manufactured using soft PVC. See page 14 for double-sided tape if required.

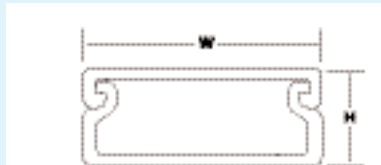
CATALOG NO.	NAED NO.	COLOR	LENGTH FEET	WIDTH (INCHES)		HEIGHT (INCHES)		STANDARD CARTON	NET PRICE 6' ROLL	
				I.D.	O.D.	I.D.	O.D.		1-4 CTN.	5+ CTN.
FD250W	16400	off white	6	0.75	2.60	0.43	0.60	18 feet	14.35	11.95
FD250B	16401	brown	6	0.75	2.60	0.43	0.60	18 feet	14.35	11.95
FD250K	16402	black	6	0.75	2.60	0.43	0.60	18 feet	14.35	11.95
FD400W	16403	off white	6	1.16	4.00	0.61	0.91	18 feet	21.20	17.65
FD400B	16404	brown	6	1.16	4.00	0.61	0.91	18 feet	21.20	17.65
FD400K	16405	black	6	1.16	4.00	0.61	0.91	18 feet	21.20	17.65



### TWO-PIECE SURFACE RACEWAY



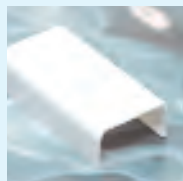
Made from rigid, self-extinguishing PVC. All sizes feature the same height. Standard color is white but other colors are available. Contact NSi for details. Connector pieces are made from ABS.



CATALOG NO.	NAED NO.	DUCT SIZE	COLOR	STD. CTN.	INCHES		MM		LENGTH	NET PRICE EACH	
					WIDTH	HEIGHT	WIDTH	HEIGHT		1-4 CTN.	5+ CTN.
SR050	16200	1/2"	white	20	0.50	.433	12.7	11	6.5 feet	4.75	3.95
SR075	16201	3/4"	white	20	0.75	.433	19.0	11	6.5 feet	5.95	4.95
SR100	16202	1"	white	20	1.00	.433	25.4	11	6.5 feet	7.15	5.95
SR125	16203	1 1/4"	white	20	1.25	.433	31.8	11	6.5 feet	8.35	6.95
SR150*	16204	1 1/2"	white	20	1.50	.433	38.1	11	6.5 feet	9.55	7.95
SR200*	16205	2"	white	20	2.00	.433	50.8	11	6.5 feet	11.95	9.95

\* Fittings not available for these sizes.

CATALOG NO.	NAED NO.	DUCT SIZE	STD. CTN.	NET PRICE EACH
		COLOR	1-4 CTN.	5+ CTN.



SPLICE

SRS050	16206	1/2"	white	10	0.80	0.65
SRS075	16207	3/4"	white	10	0.90	0.75
SRS100	16208	1"	white	10	1.10	0.90
SRS125	16209	1 1/4"	white	10	1.25	1.05

CATALOG NO.	NAED NO.	DUCT SIZE	STD. CTN.	NET PRICE EACH
		COLOR	1-4 CTN.	5+ CTN.



EXTERNAL CORNER

SRECO50	16218	1/2"	white	10	0.95	0.80
SRECO75	16219	3/4"	white	10	1.10	0.90
SRECI100	16220	1"	white	10	1.20	1.00
SRECI125	16221	1 1/4"	white	10	1.50	1.25



"T" TAP

SRT050	16210	1/2"	white	10	0.95	0.80
SRT075	16211	3/4"	white	10	1.10	0.90
SRT100	16212	1"	white	10	1.20	1.00
SRT125	16213	1 1/4"	white	10	1.50	1.25



90 DEGREE ELBOW

SREL050	16222	1/2"	white	10	0.95	0.80
SREL075	16223	3/4"	white	10	1.10	0.90
SREL100	16224	1"	white	10	1.20	1.00
SREL125	16225	1 1/4"	white	10	1.50	1.25



INTERNAL CORNER

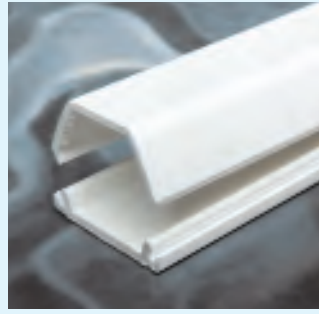
SRIC050	16214	1/2"	white	10	0.95	0.80
SRIC075	16215	3/4"	white	10	1.10	0.90
SRIC100	16216	1"	white	10	1.20	1.00
SRIC125	16217	1 1/4"	white	10	1.50	1.25



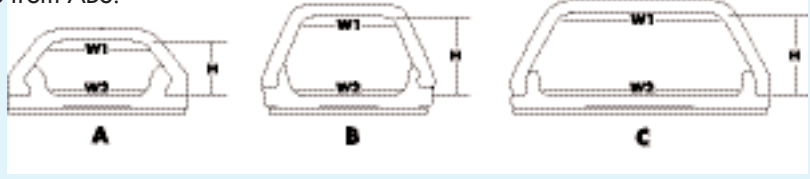
END CAP

SREN050	16226	1/2"	white	10	0.80	0.65
SREN075	16227	3/4"	white	10	0.90	0.75
SREN100	16228	1"	white	10	1.10	0.90
SREN125	16229	1 1/4"	white	10	1.25	1.05

## SELF-ADHESIVE TELECOMMUNICATION RACEWAY



Made from rigid, self-extinguishing PVC. Backed with high quality self-adhesive tape for ease of installation. Standard color is grey but other colors are available. Contact NSi for details. Connector pieces are made from ABS.



CAT. NO.	NAED NO.	COLOR	STD. CTN.	PROFILE	INCHES			MM			LENGTH	NET PRICE EACH	
					W1	W2	H	W1	W2	H		1-4 CTN.	5+ CTN.
TR275	16231	grey	20	A	.236	.275	.157	6	7	4	6.5 feet	4.70	3.90
TR275-1	16271	grey	20	A	.236	.275	.157	6	7	4	3.3 feet	2.35	1.95
TR315	16232	grey	20	A	.315	.315	.236	8	8	6	6.5 feet	7.10	5.90
TR315-1	16272	grey	20	A	.315	.315	.236	8	8	6	3.3 feet	3.55	2.95
TR394	16233	grey	20	A	.394	.394	.275	10	10	7	6.5 feet	9.50	7.90
TR394-1	16273	grey	20	A	.394	.394	.275	10	10	7	3.3 feet	4.75	3.95
TR590	16234	grey	20	B	.472	.590	.394	12	15	10	6.5 feet	11.95	9.90
TR590-1	16274	grey	20	B	.472	.590	.394	12	15	10	3.3 feet	5.95	4.95
TR669	16235	grey	20	B	.394	.669	.512	10	17	13	6.5 feet	14.30	11.90
TR669-1	16275	grey	20	B	.394	.669	.512	10	17	13	3.3 feet	7.15	5.95
TR748	16236	grey	20	B	.433	.748	.630	11	19	16	6.5 feet	16.70	13.90
TR748-1	16276	grey	20	B	.433	.748	.630	11	19	16	3.3 feet	8.35	6.95
TR1450	16237	grey	10	C	1.181	1.450	.630	30	37	16	6.5 feet	21.50	17.90
TR1450-1	16277	grey	10	C	1.181	1.450	.630	30	37	16	3.3 feet	10.75	8.95

CAT. NO.	NAED. NO.	COLOR	STD. CTN.	FITS	NET PRICE EACH	
					1-4 CTN.	5+ CTN.



SPLICE

TRS315	16238	grey	10	TR315	0.75	0.60
TRS394	16239	grey	10	TR394	0.80	0.65
TRS590	16240	grey	10	TR590	1.10	0.95
TRS669	16241	grey	10	TR669	1.20	1.05
TRS748	16242	grey	10	TR748	1.45	1.25

CATALOG NO.	NAED. NO.	COLOR	STD. CTN.	FITS	NET PRICE EACH	
					1-4 CTN.	5+ CTN.



EXTERNAL CORNER

TREC315	16253	grey	10	TR315	0.95	0.80
TREC394	16254	grey	10	TR394	1.05	0.90
TREC590	16255	grey	10	TR590	1.35	1.15
TREC669	16256	grey	10	TR669	1.45	1.25
TREC748	16257	grey	10	TR748	1.70	1.50



"T" TAP

TRT315	16243	grey	10	TR315	1.05	0.90
TRT394	16244	grey	10	TR394	1.10	0.95
TRT590	16245	grey	10	TR590	1.45	1.25
TRT669	16246	grey	10	TR669	1.60	1.40
TRT748	16247	grey	10	TR748	1.75	1.50



90 DEGREE ELBOW

TREL315	16258	grey	10	TR315	0.85	0.70
TREL394	16259	grey	10	TR394	0.95	0.80
TREL590	16260	grey	10	TR590	1.25	1.05
TREL669	16261	grey	10	TR669	1.45	1.25
TREL748	16262	grey	10	TR748	1.55	1.35



INTERNAL CORNER

TRIC315	16248	grey	10	TR315	0.95	0.80
TRIC394	16249	grey	10	TR394	1.05	0.90
TRIC590	16250	grey	10	TR590	1.35	1.15
TRIC669	16251	grey	10	TR669	1.45	1.25
TRIC748	16252	grey	10	TR748	1.70	1.50



END CAP

TREN315	16263	grey	10	TR315	0.80	0.65
TREN394	16264	grey	10	TR394	0.90	0.75
TREN590	16265	grey	10	TR590	1.10	0.95
TREN669	16266	grey	10	TR669	1.25	1.05
TREN748	16267	grey	10	TR748	1.45	1.25

### LABELlab® 1440Ki HAND-HELD LABELING SYSTEM



The LABELlab® 1440Ki Hand-held is lightweight and portable for use in the field. It creates high quality, durable labels quickly and easily, with a library of industrial symbols and programmable cutter. Up to 1" wide tape can be used, it has sequential numbering

capability and repeat printing ability. Tapes are available in your choice of colors, and the 1440Ki can print on a variety of media including extra-strength, tamper evident, and flexible ID.

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE	
			EACH	5+
1440Ki	15940	Hand-held label printer for field and mobile use. Package includes Quick Reference Guide, 6 AA Alkaline Batteries, 3/8" B/W standard tape, 1/2" black/white Industrial Strength tape	275.00	238.00
1440KiCASE	15941	1440 Series Carrying Case	150.00	128.00
6AD40Ki	15942	AC Adapter	85.00	72.00
636HC	15943	1 1/2" Thermal Transfer Head Cleaner	70.00	60.00
618HC	15944	3/4" Thermal Transfer Head Cleaner	60.00	47.50

#### Features:

- high quality printing
- up to 60 point size on 1" tape
- ABCD keyboard with number pad
- two line by 15 character LCD display
- prints 9 barcode formats

- prints vertical, horizontal, and reverse image text
- label size range to 1" tape
- manual and programmable cutter
- built-in templates and symbols
- repeat printing up to 99 copies

#### Physical Dimensions

- 4.6" wide x 9.3" long and 3.1" high, 1.9lbs

#### Electrical Specifications

- 6 AA Batteries or optional AC adapter (p/n6AD60Ki)
- one year limited warranty and replacement service

### LABELlab® 1660Ki AUTOLOAD HAND-HELD LABELING SYSTEM



With all the same features as the 1440Ki, the LABELlab® 1660Ki is built for harsh environments with charcoal colored rubber impact guards making it ideal for outdoor labeling applications. Create and print custom labels from your PC; the 1660Ki has USB interface and

20MB hard disk space. Hand-held, lightweight and portable for use in the field. Tapes are available in your choice of colors; print on a variety of media including extra-strength, tamper evident, and flexible ID.

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE	
			EACH	5+
1660Ki	15945	Hand-held label printer for field and mobile use, designed for harsh environments, including programmable cutter and Quick Reference Guide; Separator Stick, Editor 3.2 Software, USB Cable, 6 AA Alkaline Batteries, Adjustable Neck Strap 1" B/W Flexible ID tape, 1/2" B/W Industrial Strength tape	350.00	317.25

#### Features:

- transfer data and designs from PC
- inches or millimeters
- UL 969 recognized tapes
- pre-installed with Microsoft windows and USB interface
- UL 969 recognized tapes
- 20MB hard disk space

- two line by 15 character LCD display
- prints 9 barcode formats
- prints vertical, horizontal, and reverse image text
- text alignment options
- manual and programmable cutter
- built-in symbols & templates
- store and recall 10 label designs

#### Physical Dimensions

- 4.6" wide x 9.4" long and 3.2" high, 1.3lbs

#### Electrical Specifications

- 6 AA Batteries or optional AC adapter
- one year limited warranty and replacement service

### INDUSTRIAL TAPES

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
IT1/4-BW	15946	1/4 x 26	black on white	50.00	32.00
IT1/4-BY	15947	1/4 x 26	black on yellow	55.00	38.00
IT3/8-BW	15948	3/8 x 26	black on white	53.00	36.00
IT3/8-BY	15949	3/8 x 26	black on yellow	57.00	42.00
IT1/2-BW	15950	1/2 x 26	black on white	55.00	38.00
IT1/2-BY	15951	1/2 x 26	black on yellow	65.00	44.00
IT1/2-BC	15952	1/2 x 26	black on clear	55.00	38.00
IT3/4-BW	15953	3/4 x 26	black on white	65.00	44.00
IT3/4-BY	15954	3/4 x 26	black on yellow	73.00	50.00
IT1-BW	15955	1 x 26	black on white	75.00	52.00
IT1-BY	15956	1 x 26	black on yellow	82.50	58.00

### WIRE MARKERS

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
WM1/2-BW	15957	1/2 x 26	black on white	65.00	44.00
WM3/4-BW	15958	3/4 x 26	black on white	73.00	50.00
WM1-BW	15959	1 x 26	black on white	82.50	58.00

## MARK-PRO™ TTLM HANDHELD LABEL & WIRE-MARKING PRINTER



CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE EACH
TTLM	16419	Mark-Pro™ TTLM hand held label and wire marking printer Package includes: printer, manual, AC adapter, power cord and serial cable. Supply cartridge, carry case and batteries not included.	569.00
TTLM-AC	16420	AC adapter (110V)	139.00
TTLM-BA	16421	premium NiCad batteries	55.00
TTLM-CA	16422	serial cable	59.00
TTLM-CK	16423	thermal print head cleaning kit (25 pack)	29.00
TTLM-CASE	16424	carrying case	139.00

### Features:

- prints 6 to 72 point text at 300 dpi resolution
- auto sizing text feature
- thermal transfer print technology
- two line by 16 character LCD display
- point sizes from 6 to 72
- use with your PC or stand alone
- downloadable and scalable fonts
- on-board memory to store label formats
- flash upgradable firmware
- internal battery recharger
- real time clock with time/date stamping ability
- 10 resident bar codes including Code 39 and Code 128
- multi-language prompts including English and Spanish
- alphanumeric sequencing (a-z, 1-999)
- repeat function allows up to 999 copies
- built in cutter and automatic feed control to eliminate waste
- print styles include frame, bold, italic, underline and mirror
- rotate feature for landscape or portrait mode
- vertical or horizontal print formats
- audible key clicks and error messages
- print speed: up to 2 inches per second

## SELF-LAMINATING WIRE WRAP SUPPLY

Made of 4 mil translucent vinyl with white printable area. Ideal for exterior use or harsh environments. UV, chemical, water and

abrasion resistant. Aggressive permanent adhesive. Excellent for marking wire and cables in a professional manner.

CATALOG NO.	NAED NO.	INCHES WIDTH	INCHES LENGTH	MM WIDTH	MM LENGTH	PRINTABLE AREA	FITS WIRE SIZE	NUMBER OF LABELS	NET PRICE EACH 1 TO 4	NET PRICE EACH 5 OR MORE
SLWM-10050	16425	1.00	0.50	25	12	1.00 x 0.25	22 to 18	277	50.95	42.95
SLWM-10075	16426	1.00	0.75	25	19	1.00 x 0.375	16 to 10	250	50.95	42.95
SLWM-100100	16427	1.00	1.00	25	25	1.00 x 0.375	12 to 10	227	50.95	42.95
SLWM-100125	16428	1.00	1.25	25	32	1.00 x 0.50	12 to 8	170	50.95	42.95
SLWM-100250	16429	1.00	2.50	25	65	1.00 x 0.75	10 to 6	119	50.95	42.95
SLWM-100400	16430	1.00	4.00	25	101	1.00 x 1.00	6 to 4	89	50.95	42.95
SLWM-100600	16431	1.00	6.00	25	152	1.00 x 1.50	4 to 0	61	50.95	42.95

## POLYOLEFIN SHRINK TUBE

Low recovery temperature of 194°F with indefinite storage. Shrink ratio 3:1. Operating temperature range of -40 to 275°F with up to 392°F for short durations. Tubing is flame, temperature, chemical,

water and abrasion resistant. Meets MIL-1-2305375 Class 1 and 3, MIL-1-R46845 Type V and UL-224 VW-1 rating.

CATALOG NO.	NAED NO.	SIZE INCHES	SIZE MM	LENGTH FEET	DESCRIPTION	NET PRICE EACH 1 TO 4	NET PRICE EACH 5 OR MORE
HSL-1/8-W	16432	.125	3.2	110	black on white	69.95	59.95
HSL-1/8-Y	16433	.125	3.2	110	black on yellow	69.95	59.95
HSL-3/16-W	16434	.188	4.8	110	black on white	72.95	61.95
HSL-3/16-Y	16435	.188	4.8	110	black on yellow	72.95	61.95
HSL-1/4-W	16436	.250	6.4	110	black on white	77.95	65.90
HSL-1/4-Y	16437	.250	6.4	110	black on yellow	77.95	65.90
HSL-3/8-W	16438	.375	9.6	110	black on white	81.95	69.90
HSL-3/8-Y	16439	.375	9.6	110	black on yellow	81.95	69.90
HSL-1/2-W	16440	.500	12.8	110	black on white	97.95	73.95
HSL-1/2-Y	16441	.500	12.8	110	black on yellow	97.95	73.95





### POLYESTER INDUSTRIAL SUPPLY CARTRIDGES



2 mil pressure sensitive polyester and thermal transfer resin ribbon in a cartridge. Up to seven year exterior life. Operating temperature range

of -40 to 320°F. Chemical, water, UV and abrasion resistant. A high performance label stock.

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
PIL-375-B/C	16442	.375 x 40	black image on clear	78.95	65.95
PIL-375-B/W	16443	.375 x 40	black image on white	78.95	65.95
PIL-375-B/Y	16444	.375 x 40	black image on yellow	78.95	65.95
PIL-50-B/C	16445	.500 x 40	black image on clear	78.95	65.95
PIL-50-B/W	16446	.500 x 40	black image on white	78.95	65.95
PIL-50-B/Y	16447	.500 x 40	black image on yellow	78.95	65.95
PIL-50-W/B	16448	.500 x 40	white image on black	78.95	65.95
PIL-80-B/C	16449	.800 x 40	black image on clear	78.95	65.95
PIL-80-B/W	16450	.800 x 40	black image on white	78.95	65.95
PIL-80-B/Y	16451	.800 x 40	black image on yellow	78.95	65.95

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
PIL-100-B/C	16452	1.00 x 40	black image on clear	78.95	65.95
PIL-100-B/W	16453	1.00 x 40	black image on white	78.95	65.95
PIL-100-B/Y	16454	1.00 x 40	black image on yellow	78.95	65.95
PIL-100-B/G	16455	1.00 x 40	black image on green	78.95	65.95
PIL-100-B/R	16456	1.00 x 40	black image on red	78.95	65.95
PIL-100-B/BLU	16457	1.00 x 40	black image on blue	78.95	65.95
PIL-100-B/O	16458	1.00 x 40	black image on gold	78.95	65.95
PIL-100-B/S	16459	1.00 x 40	black image on silver	78.95	65.95
PIL-100-W/B	16460	1.00 x 40	white image on black	78.95	65.95
PIL-100-W/R	16461	1.00 x 40	white image on red	78.95	65.95
PIL-100-W/BLU	16462	1.00 x 40	white image on blue	78.95	65.95
PIL-100-W/G	16463	1.00 x 40	white image on green	78.95	65.95
PIL-100-W/C	16464	1.00 x 40	white image on clear	78.95	65.95
PIL-100-R/W	16465	1.00 x 40	red image on white	78.95	65.95
PIL-100-BLU/W	16466	1.00 x 40	blue image on white	78.95	65.95
PIL-100-G/W	16467	1.00 x 40	green image on white	78.95	65.95

### 1" LAMINATED POLYESTER

Label Supply Cartridge: Same as polyester industrial supply cartridges above with an additional clear over-laminate.

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
PLIC-100-B/C	16469	1.00 x 40	black image on clear	89.95	73.95
PLIC-100-B/W	16470	1.00 x 40	black image on white	89.95	73.95
PLIC-100-B/Y	16471	1.00 x 40	black image on yellow	89.95	73.95

### TAMPER EVIDENT



Label Supply Cartridge: 3 mil polyester pressure sensitive label that leaves a white residue with the word 'VOID' if the label is removed.

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
PTE-100	16478	1.00 x 40	black on white	94.95	83.95
PTE-50	16479	0.50 x 40	black on white	79.95	69.95

### COMPONENT & TERMINAL BLOCK DIE CUT LABEL CARTRIDGES

2 mil pressure sensitive polyester and thermal transfer wax ribbon in a cartridge. Chemical, water and abrasion resistant.

CAT. NO.	NAED NO.	(INCHES) W x L	DESCRIPTION	NO. OF LABELS	NET PRICE EACH	
					1 TO 4	5 OR MORE
DLC-1	16472	.375 x 1.81	black on white	120	69.95	59.95
DLC-2	16473	.500 x 1.00	black on white	174	69.95	59.95
DLC-3	16474	.500 x 1.50	black on white	140	69.95	59.95

CAT. NO.	NAED NO.	(INCHES) W x L	DESCRIPTION	NO. OF LABELS	NET PRICE EACH	
					1 TO 4	5 OR MORE
DLC-4	16475	1.00 x 1.00	black on white	174	69.95	59.95
DLC-5	16476	1.00 x 2.00	black on white	120	69.95	59.95
DLC-6	16477	1.00 x 4.00	black on white	82	69.95	59.95

### CAST VINYL INDUSTRIAL SUPPLY CARTRIDGES

2 mil pressure sensitive vinyl and thermal transfer resin ribbon in a cartridge. Up to ten year exterior life. Chemical, water, UV and

abrasion resistant. Operating temperature range: -50 to 180°F. Excellent conformability to curved or irregular surfaces.

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
CVIL-50-B/C	16480	0.50 x 40	black image on clear	78.95	65.95
CVIL-50-B/W	16481	0.50 x 40	black image on white	78.95	65.95
CVIL-50-B/BLU	16482	0.50 x 40	black image on blue	78.95	65.95
CVIL-50-B/R	16483	0.50 x 40	black image on red	78.95	65.95
CVIL-50-B/Y	16484	0.50 x 40	black image on yellow	78.95	65.95

CATALOG NO.	NAED NO.	SIZE INCHES x FEET	DESCRIPTION	NET PRICE EACH	
				1 TO 4	5 OR MORE
CVIL-100-B/C	16485	1.00 x 40	black image on clear	83.95	69.95
CVIL-100-B/W	16486	1.00 x 40	black image on white	83.95	69.95
CVIL-100-B/S	16487	1.00 x 40	black image on silver	83.95	69.95
CVIL-100-B/BLU	16488	1.00 x 40	black image on blue	83.95	69.95
CVIL-100-B/R	16489	1.00 x 40	black image on red	83.95	69.95
CVIL-100-B/Y	16490	1.00 x 40	black image on yellow	83.95	69.95



# Mark-Pro™ Identification Solutions

THERMAL TRANSFER PRINTER & ACCESSORIES/MARKING SOFTWARE

## MARK-PRO™ THERMAL TRANSFER PRINTER AND ACCESSORIES



The Mark-Pro™ TTP-1 is a medium volume, light-weight printer that can print heat shrink sleeves, labels and signage on polyester tapes up to 4" wide. The package includes ribbon, power cord and printer cable. It offers excellent legibility and mark permanence and prints up to 4" label width at 203dpi resolution (8 dots per mm). Memory is 512 KB FLASK/ 256 KB SRAM. The Mark-Pro™

TTP-1 will print blank die cut labels, self-laminating labels, continuous roll and heat shrink labels. It is to be used in conjunction with NSi's Mark-Pro software. The use of NSi ribbons will ensure mark performance and print quality. Please contact us if color and/or high performance ribbons are needed. Refer to pages 33 to 37 for thermal transfer label stock.

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE EACH
TTP-1	16491	Mark-Pro™ thermal transfer printer	1,195.00
TTPR-2-PL	16513	2 inch replacement ribbons (for polyester labels)	49.00
TTPR-2-SL	16514	2 inch replacement ribbons (for self-laminating)	49.00
TTPR-4-PL	16516	4 inch replacement ribbons (for polyester labels)	79.00
TTPR-4-SL	16515	4 inch replacement ribbons (for self-laminating)	79.00
TTP-PCK	16494	print head cleaning kit	33.00
TTP-STH	16495	shrink tube holder	179.00

## MARK-PRO™ 2000 BAR TENDER MARKING SOFTWARE

**Enterprise Edition** provides the full range of BarTender's most powerful features. Especially designed to allow automation control by other programs. Contains our complete set of external data access capabilities.

Includes our most powerful software integration tools such as ActiveX Automation, Enterprise messaging and our own Commander utility for cross-platform integration. Advanced data sourcing, including the industry's only SAP-certified direct IDoc interface. Intelligent network Install can set up a single copy of BarTender to run on unlimited workstations. Licensing: Allows unlimited number of local area network users, with licensing based on the maximum number of printers. (Multiple corporate sites require individual licenses.)

*The Enterprise Edition allows for an unlimited number of users per license. Each license purchased is based on the selected number of printers on each network. Licenses are available in packaged sizes of 3, 5, 10, 20 40 and 'unlimited' number of printers.*

**Professional Edition Includes** all of the label design and printing features of the Enterprise Edition and most of the advanced data access capabilities, including OLE DB\* and ODBC. Fully network compatible. Control from within other programs limited to simple 'command line' interface.

Omits: Does not offer ActiveX Automation or Commander integration. No SAP IDoc interface. No job logging or e-mailed error alerts. Cannot export printer code templates. When controlled from command-line, no dynamic printer reselection. Although otherwise network compatible, Install program will not set up a single BarTender as sharable from multiple workstations. Licensing: Based on the number of workstations running BarTender, regardless of whether or not they are on a common network. Supports an unlimited number of network printers.

*The Professional and Basic Edition licensing is based on the number of workstations on which BarTender will be installed, allowing a defined number of users to print on an unlimited number of printers. It is ideal when one or multiple users are not connected to a common network.*

**Basic Edition** is for users who just need BarTender's essential label design and printing features.

Includes the most important 'core' label design features. Includes all text, graphics and linear bar code support. Supports simple, numeric serialization. Useful for keyboard-supplied label data only. Omits: Does not offer integration, Enterprise message handling or external data of any kind. No password protection, VB Script customization, text filtering or 2D bar codes. No advanced or custom serialization. Includes no features omitted from Professional Edition. Licensing: Same as Professional.

## MARK-PRO™ 2000 ENTERPRISE EDITION

CATALOG NO.	NAED NO.	MAXIMUM PRINTERS PER SITE	MAXIMUM ALLOWABLE USERS	NET PRICE
MP2000-E3	05200	3	unlimited	1,135.00
MP2000-E5	05201	5	unlimited	1,785.00
MP2000-E10	05202	10	unlimited	2,849.00
MP2000-E20	05203	20	unlimited	4,275.00
MP2000-E40	05204	40	unlimited	5,419.00
MP2000-EU	05205	unlimited	unlimited	8,560.00

### PRINT ONLY VERSION

MP2000-EPO	05206	3	1	485.00
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## MARK-PRO™ 2000 PROFESSIONAL EDITION

CATALOG NO.	NAED NO.	MAXIMUM PRINTERS PER SITE	MAXIMUM ALLOWABLE USERS	NET PRICE
MP2000-P1	05207	unlimited	1	707.00
MP2000-P3	05208	unlimited	3	1,421.00
MP2000-P5	05209	unlimited	5	2,135.00
MP2000-P10	05210	unlimited	10	3,563.00
MP2000-P25	05211	unlimited	25	7,133.00

### PRINT ONLY VERSION

MP2000-PPO	05212	unlimited	1	421.00
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## MARK-PRO™ 2000 BASIC EDITION

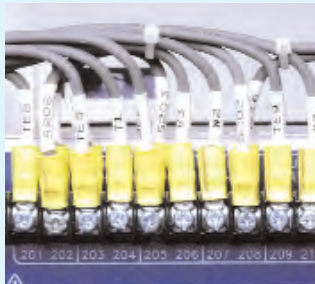
CATALOG NO.	NAED NO.	MAXIMUM PRINTERS PER SITE	MAXIMUM ALLOWABLE USERS	NET PRICE
MP2000-B1	05213	unlimited	1	349.00



# Mark-Pro™ Identification Solutions

HEAT SHRINK WIRE MARKER LABELS AND CONTINUOUS ROLL

## MARK-PRO™ HEAT SHRINK WIRE MARKERS



Suitable for thermal transfer or dot matrix printers. Available in pre-cut lengths on backer or continuous roll on reel. Excellent durability and clarity of legend. Excellent for high temperature or corrosive environments or where mark permanency is critical. Heat shrink markers have a 2:1 shrink ratio with a 1.5" or 2" pre-cut on backer.

Pre-slit on backer for multiple labels per piece as denoted in the 'Labels Per Piece' column. Pricing is per 1.5" or 2" pc. Multiply by # pcs

per roll for roll cost. For YELLOW color substitute "Y" for "W" in part number.

Note: Wire size ranges are typical and are based on THHN wire. Different classes of wire may have different diameters than those used. Please confirm that actual wires fall within size range. Heat Shrink markers up to 1/2" are available in larger piece counts per box.

MIL Spec AMS-DTL-23053/5 CL 1 & 3; UL 224 and CSA 22.22.

CATALOG NO.	NAED NO.	SIZE (INCHES)	NO. OF LABELS PER PIECE	SIZE RANGE	COLOR	NOMINAL WIRE SIZE	CARTON QT'Y PIECES PER BOX1 TO 5 BOXES	NET PRICE PER PIECE	
								1 TO 5 BOXES	6+ BOXES
PMHS-125-1.5-1W	01210	0.125 x 1.500	1	.045 - .110	white	16-22	1,100	0.38	0.32
PMHS-125-1.5-2W	01211	0.125 x 1.500	2	.045 - .110	white	16-22	1,100	0.41	0.34
PMHS-125-1.5-3W	01212	0.125 x 1.500	3	.045 - .110	white	16-22	1,100	0.41	0.34
PMHS-125-2-1W	01213	0.125 x 2.000	1	.045 - .110	white	16-22	1,100	0.46	0.38
PMHS-125-2-2W	01214	0.125 x 2.000	2	.045 - .110	white	16-22	1,100	0.48	0.40
PMHS-125-2-4W	01215	0.125 x 2.000	4	.045 - .110	white	16-22	1,100	0.48	0.40
PMHS-187-1.5-1W	01216	0.188 x 1.500	1	.065 - .160	white	12-18	1,100	0.44	0.37
PMHS-187-1.5-2W	01217	0.188 x 1.500	2	.065 - .160	white	12-18	1,100	0.46	0.38
PMHS-187-1.5-3W	01218	0.188 x 1.500	3	.065 - .160	white	12-18	1,100	0.46	0.38
PMHS-187-2-1W	01219	0.188 x 2.000	1	.065 - .160	white	12-18	1,100	0.49	0.41
PMHS-187-2-2W	01220	0.188 x 2.000	2	.065 - .160	white	12-18	1,100	0.50	0.42
PMHS-187-2-4W	01221	0.188 x 2.000	4	.065 - .160	white	12-18	1,100	0.50	0.42
PMHS-250-1.5-1W	01222	1.250 x 1.500	1	.085 - .210	white	10-16	550	0.48	0.40
PMHS-250-1.5-2W	01223	1.250 x 1.500	2	.085 - .210	white	10-16	550	0.50	0.42
PMHS-250-1.5-3W	01224	1.250 x 1.500	3	.085 - .210	white	10-16	550	0.50	0.42
PMHS-250-2-1W	01225	1.250 x 2.000	1	.085 - .210	white	10-16	550	0.50	0.42
PMHS-250-2-2W	01226	1.250 x 2.000	2	.085 - .210	white	10-16	550	0.55	0.46
PMHS-250-2-4W	01227	1.250 x 2.000	4	.085 - .210	white	10-16	550	0.55	0.46
PMHS-375-1.5-1W	01228	0.375 x 1.500	1	.130 - .340	white	4-12	550	0.77	0.64
PMHS-375-1.5-2W	01229	0.375 x 1.500	2	.130 - .340	white	4-12	550	0.78	0.65
PMHS-375-1.5-3W	01230	0.375 x 1.500	3	.130 - .340	white	4-12	550	0.78	0.65
PMHS-375-2-1W	01231	0.375 x 2.000	1	.130 - .340	white	4-12	550	0.85	0.71
PMHS-375-2-2W	01232	0.375 x 2.000	2	.130 - .340	white	4-12	550	0.86	0.72
PMHS-375-2-4W	01233	0.375 x 2.000	4	.130 - .340	white	4-12	550	0.86	0.72
PMHS-500-1.5-1W	01234	0.500 x 1.500	1	.176 - .435	white	8-1	550	1.09	0.91
PMHS-500-1.5-2W	01235	0.500 x 1.500	2	.176 - .435	white	8-1	550	1.10	0.92
PMHS-500-2-1W	01236	0.500 x 2.000	1	.176 - .435	white	8-1	550	1.15	0.96
PMHS-500-2-2W	01237	0.500 x 2.000	2	.176 - .435	white	8-1	550	1.16	0.97
PMHS-750-1.5-1W	01238	0.750 x 1.500	1	.260 - .675	white	6-4/0	300	1.38	1.15
PMHS-750-2-1W	01239	0.750 x 2.000	1	.260 - .675	white	6-4/0	300	1.43	1.19
PMHS-750-2-2W	01240	0.750 x 2.000	2	.260 - .675	white	6-4/0	300	1.43	1.19
PMHS-1000-2-1W	01241	1.000 x 2.000	1	.350 - .850	white	2 - 350 mcm	300	1.62	1.35
PMHS-1500-2-1W	01242	1.500 x 2.000	1	.650 - 1.350	white	250 mcm - 1000 mcm	200	1.81	1.51

## HEAT SHRINK MARKERS - CONTINUOUS LENGTH ON REEL

MIL-1-R46845 Type V; MIL-1-2305375 CL 1 & 3

CATALOG NO.	NAED NO.	SIZE (INCHES x FEET)	SIZE RANGE	COLOR	NOMINAL WIRE SIZE	ROLL LENGTH	NET PRICE PER ROLL	
							1 TO 5 ROLLS	6+ ROLLS
PMHSR-125-100W	01243	0.125 x 100	.045 - .110	white	16-22	100'	264.00	220.00
PMHSR-187-100W	01244	0.188 x 100	.065 - .160	white	12-18	100'	288.00	240.00
PMHSR-250-100W	01245	0.250 x 100	.085 - .210	white	10-16	100'	308.40	257.00
PMHSR-375-100W	01246	0.375 x 100	.130 - .340	white	4-12	100'	356.40	297.00
PMHSR-500-100W	01247	0.500 x 100	.176 - .435	white	8-1	100'	415.20	346.00
PMHSR-750-100W	01248	0.750 x 100	.260 - .675	white	6-4/0	100'	554.40	462.00
PMHSR-1000-100W	01249	1.000 x 100	.350 - .850	white	2-350 MCM	100'	734.40	612.00



# Mark-Pro™ Identification Solutions

SELF LAMINATING WIRE MARKERS

## THERMAL TRANSFER SELF LAMINATING WIRE MARKERS

CATALOG NO.	NAED NO.	TYPE	INCHES W x H	REPEAT		PRINT AREA W x H	LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
				HORIZ.	VERT.						1-4 ROLLS	5+ ROLLS
TTSLV3094	12650	vinyl film	0.30 x 0.94	0.40	1.125	0.30 x 0.37	10	4.10	5,000		18.00	15.00
TTSLV50144	12651	vinyl film	0.50 x 1.44	0.50	1.65	0.50 x 0.50	7	3.60	5,000	butt cut	29.00	24.00
TTSLV80144	12652	vinyl film	0.80 x 1.44	0.90	1.63	0.80 x 0.50	4	3.70	5,000	RCR	47.00	39.00
TTSLV100150	12653	vinyl film	1.00 x 1.50	1.00	1.75	1.00 x 0.50	3	3.10	5,000	butt cut	59.00	49.00
TTSLV100225	12654	vinyl film	1.00 x 2.25	1.00	2.50	1.00 x 0.75	3	3.40	2,500	RCR	83.00	69.00
TTSLV100250	12655	vinyl film	1.00 x 2.50	1.10	2.75	1.00 x 0.75	3	3.40	5,000	RCR	83.00	69.00
TTSLV100375	12656	vinyl film	1.00 x 3.75	1.10	4.00	1.00 x 1.00	3	3.40	2,500	RCR	143.00	119.00
TTSLV200175	12657	vinyl film	2.00 x 1.75	2.00	2.00	2.00 x 0.75	1	2.20	1,000	RCR	155.00	129.00
TTSLV200375	12658	vinyl film	2.00 x 3.75	2.00	4.00	2.00 x 1.00	1	2.10	500	RCR	371.00	309.00
TTSLV200475	12659	vinyl film	2.00 x 4.75	2.00	5.00	2.00 x 1.50	1	2.10	500	RCR	455.00	379.00
TTSLV400100	12660	vinyl film	4.00 x 1.00	4.00	1.125	4.00 x 1.50	1	4.10	2,500	RCR - side orientation	131.00	109.00
TTSLT3094	12661	tedlar	0.30 x 0.94	0.40	1.125	0.30 x 0.37	10	4.10	5,000		33.00	27.00
TTSLT50144	12662	tedlar	0.50 x 1.44	0.50	1.65	0.50 x 0.50	7	3.60	5,000	butt cut	59.00	49.00
TTSLT80144	12663	tedlar	0.80 x 1.44	0.90	1.63	0.80 x 0.50	4	3.70	5,000	RCR	95.00	79.00
TTSLT100150	12664	tedlar	1.00 x 1.50	1.00	1.75	1.00 x 0.75	8	8.10	5,000	butt cut	119.00	99.00
TTSLT100225	12665	tedlar	1.00 x 2.25	1.00	2.50	1.00 x 0.75	4	4.10	5,000	butt cut	191.00	159.00
TTSLT100250	12666	tedlar	1.00 x 2.50	1.10	2.75	1.00 x 0.75	3	3.40	5,000	RCR	179.00	149.00
TTSLT100375	12667	tedlar	1.00 x 3.75	1.10	4.00	1.00 x 1.00	3	3.40	2,500	RCR	299.00	249.00
TTSLT200175	12668	tedlar	2.00 x 1.75	2.00	2.00	2.00 x 0.75	1	2.20	1,000	RCR	299.00	249.00

NOTE: Self laminating markers are made with triple notch between each row of labels for easy calibration to a variety of printer makes and models. (You will need 100' of ribbon for each 100' of label stock you are printing) Labels can be wound 'face out' or 'face in' on either a 3" core or 1" core at no extra charge. Available in larger rolls, contact your NSi Customer Service representative.



## LASER OR INK JET SELF LAMINATING WIRE MARKERS

CATALOG NO.	NAED NO.	TYPE	INCHES W x H	REPEAT		WRITE ON W x H	LABELS PER ROW	# LABELS PER SHEET	10 SHEET PACK	NET PRICE PER SHEET	
				HORIZ.	VERT.					1 TO 9	10+
L5L5075	12669	laser	0.50 x 0.75	0.60	0.81	0.50 x 0.37	13	156	1,560	7.25	5.95
L5L50150	12670	laser	0.50 x 1.50	0.60	1.60	0.50 x 0.50	13	78	780	7.25	5.95
L5L80144	12671	laser	0.80 x 1.44	0.90	1.56	0.80 x 0.50	9	54	540	7.25	5.95
L5L80213	12672	laser	0.80 x 2.13	0.81	2.13	0.80 x 0.88	9	36	360	7.25	5.95
L5L10075	12673	laser	1.00 x 0.75	1.10	0.81	1.00 x 0.34	7	84	840	7.25	5.95
L5L100100	12674	laser	1.00 x 1.00	1.10	1.10	1.00 x 0.34	7	63	630	7.25	5.95
L5L100133	12675	laser	1.00 x 1.33	1.10	1.44	1.00 x 0.50	7	49	490	7.25	5.95
L5L100317	12676	laser	1.00 x 3.17	1.10	3.31	1.00 x 0.97	7	21	210	7.25	5.95
L5L150200	12677	laser	1.50 x 2.00	1.75	2.25	1.50 x 0.75	4	16	160	7.25	5.95
L5L167333	12678	laser	1.17 x 3.33	1.17	3.33	0.88 x 1.67	6	18	180	7.25	5.95
L5L188313	12679	laser	1.88 x 3.13	2.00	3.28	1.88 x 0.97	4	12	120	7.25	5.95
I5L5075	12680	ink jet	0.50 x 0.75	0.85	0.60	0.38 x 0.75	9	144	1,440	9.75	7.95
I5L100133	12681	ink jet	1.00 x 1.33	1.44	1.10	0.50 x 1.33	5	45	450	9.75	7.95
I5L188313	12682	ink jet	1.88 x 3.13	3.25	1.98	0.97 x 1.88	2	10	100	9.75	7.95





### DOT MATRIX SELF LAMINATING WIRE MARKERS

CATALOG NO.	NAED NO.	TYPE	INCHES W x H	REPEAT		PRINT AREA W x H	LABELS PER ROW	LABELS PER PACK	NET PRICE PER PACK	
				HORIZ.	VERT.				1 TO 9	10+
DMSL5075	12683	vinyl	0.50 x 0.75	0.60	1.00	0.50 x 0.38	12	5,000	143.00	119.00
DMSL50144	12684	vinyl	0.50 x 1.44	0.50	1.50	0.50 x 0.50	16	5,000	155.00	129.00
DMSL75175	12685	vinyl	0.75 x 1.75	0.90	2.00	0.75 x 0.50	9	5,000	311.00	259.00
DMSL80144	12686	vinyl	0.80 x 1.44	0.90	1.50	0.80 x 0.80	6	5,000	335.00	279.00
DMSL100144	12687	vinyl	1.00 x 1.44	1.00	1.50	1.00 x 0.50	8	5,000	263.00	219.00
DMSL100225	12688	vinyl	1.00 x 2.25	1.00	2.50	1.00 x 0.50	8	5,000	407.00	339.00
DMSL100244	12689	vinyl	1.00 x 2.44	1.00	2.50	1.00 x 0.75	8	5,000	407.00	339.00
DMSL100375	12690	vinyl	1.00 x 3.75	1.00	4.00	1.00 x 1.00	8	2,500	335.00	279.00
DMSL100594	12691	vinyl	1.00 x 5.94	1.00	6.00	1.00 x 1.50	8	2,500	479.00	399.00
DMSL200375	12692	vinyl	2.00 x 3.75	2.00	4.00	2.00 x 1.00	4	2,500	635.00	529.00
DMSL200594	12693	vinyl	2.00 x 5.94	2.00	6.00	2.00 x 1.50	4	2,500	923.00	769.00
DMSL200744	12694	vinyl	2.00 x 7.44	2.00	7.50	2.00 x 1.50	4	2,500	1,139.00	949.00
DMSLT50144	12695	tedlar	0.50 x 1.44	0.50	1.50	0.50 x 0.50	16	10,000	563.00	469.00
DMSLT75175	12696	tedlar	0.75 x 1.75	0.90	2.00	0.75 x 0.50	9	10,000	1,119.00	999.00
DMSLT100144	12697	tedlar	1.00 x 1.44	1.00	1.50	1.00 x 0.50	8	10,000	1,038.00	865.00
DMSLT100244	12698	tedlar	1.00 x 2.44	1.00	2.50	1.00 x 0.75	8	10,000	1,674.00	1,395.00
DMSLT100375	12699	tedlar	1.00 x 3.75	1.00	4.00	1.00 x 1.00	8	2,000	599.00	499.00
DMSLT200375	12700	tedlar	2.00 x 3.75	2.00	4.00	2.00 x 1.00	4	2,000	1,103.00	919.00
DMSLT200594	12701	tedlar	2.00 x 5.94	2.00	6.00	2.00 x 1.50	4	2,000	1,555.00	1,295.00

### VINYL CLOTH FLAG WIRE MARKERS - THERMAL TRANSFER

CATALOG NO.	NAED NO.	TYPE	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL		NET PRICE PER 1,000	
				HORIZ.	VERT.			QUANTITY	COMMENTS	5-20,000	20,000+
TTVC5025	12733	vinyl	0.50 x 0.25	0.60	0.50	5	3.10	5,000	RCR	28.75	23.95
TTVC7525	12734	vinyl	0.75 x 0.25	0.80	0.38	4	3.30	5,000	RCR	28.75	23.95
TTVC10038	12735	vinyl	1.00 x 0.38	1.10	0.50	3	3.40	5,000	RCR	47.95	39.95
TTVC10050	12736	vinyl	1.00 x 0.50	1.10	0.62	3	3.40	5,000	RCR	57.50	47.90
TTVC12525	12737	vinyl	1.25 x 0.25	1.38	0.38	2	2.86	5,000	RCR	46.70	38.90
TTVC15050	12738	vinyl	1.50 x 0.50	1.70	0.62	2	3.50	5,000	RCR	83.95	69.95

Available in larger rolls, contact your NSI Customer Service representative.

### CLOTH FLAG WIRE MARKERS - DOT MATRIX

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	ROLL QUANTITY	NET PRICE PER ROLL	
			HORIZ.	VERT.			1 TO 9	10+
DMVC5075	12839	0.50 x 0.75	0.60	1.00	14	5,000	164.00	137.00
DMVC50144	12840	0.50 x 1.44	0.60	1.50	12	5,000	230.00	192.00
DMVC80144	12842	0.80 x 1.44	0.90	1.50	6	2,500	194.00	162.00

### MATERIAL DATA

TYPES	POLYESTER	POLYESTER	THS VINYL	POLYVINYL FLOURIDE (Tedlar®)	THS POLYESTER	METALLIZED POLYESTER
DESCRIPTION	white matte & gloss	white gloss	self laminating	self laminating	self laminating	silver gloss
ADHESIVES	acrylic	acrylic	clear acrylic	clear acrylic	clear acrylic	acrylic
TEMP. RANGE	-40 to 302°F	-20 to 300°F	-40 to 150°F	-40 to 225°F	-40 to 302°F	-40 to 302°F
THICKNESS	2 & 2.5 mil	2.5 mil	3.5 mil	1 mil	1 mil	2 mil
PROPERTIES	excellent printability	removable adhesive	resists oil, water & solvent	resists oil, water & solvent	resists oil, water & solvent	resists oil, water & solvent
APPLICATIONS	solvent & scratch resistant labels	removable labels for temporary identification	label legend is over-wrapped by clear portion for durability	label legend is over-wrapped by clear portion for durability	label legend is over-wrapped by clear portion for durability	rating plate applications
RIBBONS	TTPR-*~PL	TTPR-*~PL~	TTPR-*~SL	TTPR-*~SL	TTPR-*~SL	TTPR-*~PL~

~ indicates a UL tested and approved ribbon/substrate combination.



# Mark-Pro™ Identification Solutions

COMPUTER GENERATED LABELS

## THERMAL TRANSFER BLANK LABELS - WHITE POLYESTER

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTWP2525	12711	0.25 x 0.25	0.25	0.38	12	3.10	5,000	butt cut	7.85	6.55
TTWP5025	12712	0.50 x 0.25	0.60	0.50	5	3.10	5,000	RCR	15.55	12.95
TTWP5044	12713	0.50 x 0.44	0.66	0.56	5	3.40	5,000	RCR	17.95	14.95
TTWP6520	12714	0.65 x 0.20	0.80	0.38	4	3.30	5,000	RCR	15.55	12.95
TTWP7525	12715	0.75 x 0.25	0.80	0.38	4	3.30	5,000	RCR	15.55	12.95
TTWP9025	12716	0.90 x 0.25	1.00	0.38	3	3.10	5,000	RCR	17.95	14.95
TTWP9075	12717	0.90 x 0.75	1.00	0.88	1	1.10	2,500	RCR	64.70	53.90
TTWP10038	12718	1.00 x 0.38	1.10	0.50	3	3.40	5,000	RCR	23.75	19.80
TTWP10050	12719	1.00 x 0.50	1.10	0.62	3	3.40	5,000	RCR	28.75	23.95
TTWP10075	12720	1.00 x 0.75	1.10	1.00	3	3.40	5,000	RCR	43.15	35.95
TTWP12525	12721	1.25 x 0.25	1.38	0.38	2	2.86	5,000	RCR	23.75	19.80
TTWP125100	12722	1.25 x 1.00	1.35	1.25	2	2.80	5,000	RCR	59.70	49.75
TTWP15025	12723	1.50 x 0.25	1.60	0.38	2	3.30	5,000	RCR	26.35	21.95
TTWP15050	12724	1.50 x 0.50	1.70	0.62	2	3.50	5,000	RCR	41.95	34.95
TTWP15075	12725	1.50 x 0.75	1.70	1.00	2	3.50	2,500	RCR	59.70	49.75
TTWP150150	12726	1.50 x 1.50	1.50	1.75	2	3.10	2,500	butt cut	106.80	89.00
TTWP17550	12727	1.75 x 0.50	1.75	0.60	1	1.85	5,000	RCR	53.95	44.95
TTWP20050	12728	2.00 x 0.50	2.10	0.63	1	2.20	3,000	RCR	71.90	59.90
TTWP200100	12729	2.00 x 1.00	2.10	0.13	2	4.30	2,500	RCR	75.50	62.90
TTWP300150	12730	3.00 x 1.50	3.00	1.75	1	3.10	1,000	RCR	214.80	179.00
TTWP300200	12731	3.00 x 2.00	3.00	2.25	1	3.20	1,000	RCR	250.80	209.00
TTWP400100	12732	4.00 x 1.00	4.00	1.13	1	4.10	500	RCR	190.80	159.00

Available in larger rolls, contact your NSi Customer Service representative. Also available in white tyvek, matte white polyester, white polyester with removable adhesives, white polyolefin, white tedlar and clear polyester. Custom label sizes, web width and colors are easily available from your NSi Customer Service representative.

## WHITE POLYESTER ELECTRO-STATIC DISSIPATIVE LABELS (FOR PRINTED CIRCUIT BOARDS)

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTESD2525	12739	0.25 x 0.25	0.25	0.38	12	3.10	5,000	butt cut	7.85	6.55
TTESD5025	12740	0.50 x 0.25	0.60	0.50	5	3.10	5,000	RCR	15.55	12.95
TTESD5044	12741	0.50 x 0.44	0.66	0.56	5	3.40	5,000	RCR	17.95	14.95

Available in larger rolls, contact your NSi Customer Service representative.

## METALLIZED POLYESTER

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTMP2525	12742	0.25 x 0.25	0.25	0.38	12	3.10	5,000	butt cut	8.35	6.95
TTMP5044	12743	0.50 x 0.44	0.66	0.56	5	3.40	5,000	RCR	17.95	14.95
TTMP6520	12744	0.65 x 0.20	0.80	0.38	4	3.30	5,000	RCR	15.55	12.95
TTMP7525	12745	0.75 x 0.25	0.80	0.38	4	3.30	5,000	RCR	15.55	12.95
TTMP9025	12746	0.90 x 0.25	1.00	0.38	3	3.10	5,000	RCR	19.10	15.90
TTMP10038	12747	1.00 x 0.38	1.10	0.50	3	3.40	5,000	RCR	25.15	20.95
TTMP10050	12748	1.00 x 0.50	1.10	0.62	3	3.40	5,000	RCR	29.90	24.90
TTMP12525	12749	1.25 x 0.25	1.38	0.38	2	2.86	5,000	RCR	25.15	20.95
TTMP15025	12750	1.50 x 0.25	1.60	0.38	2	3.30	5,000	RCR	26.35	21.95
TTMP20050	12751	2.00 x 0.50	2.10	0.63	1	2.20	3,000	RCR	70.80	59.00
TTMP200100	12752	2.00 x 1.00	2.10	1.13	2	4.30	2,500	RCR	75.60	63.00
TTMP300200	12753	3.00 x 2.00	3.00	2.25	1	3.20	1,000	RCR	262.80	219.00
TTMP400100	12754	4.00 x 1.00	4.00	1.13	1	4.10	500	RCR	202.80	169.00

Available in larger rolls, contact your NSi Customer Service representative.



### THERMAL TRANSFER BLANK LABELS - POLYESTER

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTRMP5050	12755	metallized 0.50 x 0.50	0.63	0.63	3	1.98	2,500	RCR/preprinted	23.95	19.95
TTRMP100100	12756	metallized 1.00 x 1.00	1.13	1.13	2	2.35	2,500	RCR/preprinted	56.35	46.95
TTCMP5050	12757	chrome 0.50 x 0.50	0.63	0.63	3	1.98	2,500	RCR/preprinted	29.95	25.90
TTCMP100100	12758	chrome 1.00 x 1.00	1.13	1.13	2	2.35	2,500	RCR/preprinted	75.60	63.00

Available in larger rolls, contact your NSi Customer Service representative.

### TAMPER EVIDENT LABELS - WHITE POLYESTER

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTTE2525	12759	0.25 x 0.25	0.25	0.38	12	3.10	5,000	butt cut	7.85	6.55
TTTE5044	12760	0.50 x 0.44	0.66	0.56	5	3.40	5,000	RCR	17.95	14.95
TTTE9075	12761	0.90 x 0.75	1.00	0.88	1	1.10	2,500	RCR	80.35	66.95

Available in larger rolls, contact your NSi Customer Service representative.

### TAMPER EVIDENT LABELS - ROUND

CATALOG NO.	NAED NO.	INCHES DIAMETER	REPEAT		LABELS PER ROW	WEB WIDTH	ROLL QUANTITY	COMMENTS	NET PRICE PER 1,000	
			HORIZ.	VERT.					1-4 ROLLS	5+ ROLLS
TTRTE5050	12762	0.50	0.63	0.63	3	1.98	2,500	RCR/preprinted	32.35	26.95
TTRTE100100	12763	1.00	1.13	1.13	2	2.35	2,500	RCR/preprinted	80.35	66.95

Available in larger rolls, contact your NSi Customer Service representative.

### LASER LABELS - WHITE POLYESTER WITH LASER TOPCOAT

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	LABELS PER SHEET	LABELS PER 10 SHEET PACK	COLOR AVAILABILITY	NET PRICE PER SHEET	
			HORIZ.	VERT.					1 TO 9	10+
LL3025	12764	0.30 x 0.25	0.69	0.30	22	836	8,360	no	4.20	3.50
LL3838	12765	0.38 x 0.38	0.50	0.38	16	400	4,000	yes	4.20	3.50
LL5044	12766	0.50 x 0.44	0.60	0.50	13	286	2,860	no	4.20	3.50
LL5075	12767	0.50 x 0.75	0.60	0.81	13	156	1,560	yes	4.20	3.50
LL50150	12768	0.50 x 1.50	0.60	1.60	13	78	780	yes	4.20	3.50
LL6520	12769	0.65 x 0.20	0.80	0.65	10	480	4,800	no	4.20	3.50
LL6525	12770	0.65 x 0.25	0.80	0.65	10	380	3,800	yes	4.20	3.50
LL8020	12771	0.80 x 0.20	1.00	0.80	8	384	3,840	no	4.20	3.50
LL8025	12772	0.80 x 0.25	1.00	0.80	8	304	3,040	yes	4.20	3.50
LL8050	12773	0.80 x 0.50	1.00	0.80	8	152	1,520	no	4.20	3.50
LL80144	12774	0.80 x 1.44	0.90	1.56	9	54	540	yes	4.20	3.50
LL81212	12775	0.81 x 2.13	0.81	2.13	9	36	360	yes	4.20	3.50
LL10025	12776	1.00 x 0.25	1.10	1.00	7	266	2,660	no	4.20	3.50
LL10038	12777	1.00 x 0.38	1.10	1.00	7	175	1,750	no	4.20	3.50
LL10050	12778	1.00 x 0.50	1.10	1.00	7	133	1,330	yes	4.20	3.50
LL10075	12779	1.00 x 0.75	1.10	0.81	7	84	840	yes	4.20	3.50
LL100100	12780	1.00 x 1.00	1.10	1.10	7	63	630	yes	4.20	3.50
LL100133	12781	1.00 x 1.33	1.10	1.44	7	49	490	yes	4.20	3.50
LL100317	12782	1.00 x 3.17	1.10	3.31	7	21	210	yes	4.20	3.50
LL15025	12783	1.50 x 0.25	1.60	1.50	5	190	1,900	no	4.20	3.50
LL15075	12784	1.50 x 0.75	1.60	1.50	5	60	600	yes	4.20	3.50
LL150200	12785	1.50 x 2.00	1.75	1.50	4	16	160	yes	4.20	3.50
LL117333	12786	1.17 x 3.33	1.17	3.33	6	18	180	yes	4.20	3.50
LL18850	12787	1.88 x 0.50	2.00	1.88	4	76	760	no	4.20	3.50
LL188313	12788	1.88 x 3.13	2.00	3.28	4	12	120	yes	4.20	3.50

Also available in clear polyester with UV topcoat.



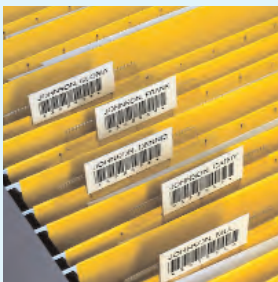
# Mark-Pro™ Identification Solutions

COMPUTER GENERATED LABELS

## INK JET LABELS - WHITE POLYESTER WITH LASER TOPCOAT

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER SHEET	LABELS PER 10 SHEET PACK	NET PRICE PER SHEET	
			HORIZ.	VERT.			1 TO 9	10+
IJL3838	12789	0.38 x 0.38	0.50	0.38	400	4,000	4.20	3.50
IJL5075	12790	0.50 x 0.75	0.60	0.81	156	1,560	4.20	3.50
IJL50150	12791	0.50 x 1.50	0.60	1.60	78	780	4.20	3.50
IJL6525	12792	0.65 x 0.25	0.80	0.65	380	3,800	4.20	3.50
IJL8025	12793	0.80 x 0.25	1.00	0.80	304	3,040	4.20	3.50
IJL80144	12794	0.80 x 1.44	0.90	1.56	54	540	4.20	3.50
IJL81212	12795	0.81 x 2.13	0.81	2.13	36	360	4.20	3.50
IJL10050	12796	1.00 x 0.50	1.10	1.00	133	1,330	4.20	3.50
IJL10075	12797	1.00 x 0.75	1.10	0.81	84	840	4.20	3.50
IJL100100	12798	1.00 x 1.00	1.10	1.10	63	630	4.20	3.50
IJL100133	12799	1.00 x 1.33	1.10	1.44	49	490	4.20	3.50
IJL100317	12800	1.00 x 3.17	1.10	3.31	21	210	4.20	3.50
IJL117333	12801	1.17 x 3.33	1.17	3.33	18	180	4.20	3.50
IJL15075	12802	1.50 x 0.75	1.60	1.50	60	600	4.20	3.50
IJL150200	12803	1.50 x 2.00	1.75	1.50	16	160	4.20	3.50
IJL188313	12804	1.88 x 3.13	2.00	3.28	12	120	4.20	3.50

Also available in clear polyester with UV topcoat.



## DOT MATRIX BLANK LABELS - WHITE POLYESTER FILM

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	LABELS PER PACK	NET PRICE PER PACK	
			HORIZ.	VERT.				1 TO 9	10+
DMPF2525	12805	0.25 x 0.25	0.25	0.50	20	6.00	10,000	102.00	85.00
DMPF3838	12806	0.38 x 0.38	0.50	0.50	16	8.90	10,000	149.00	124.00
DMPF5044	12807	0.50 x 0.44	0.50	0.50	16	9.00	10,000	149.00	124.00
DMPF5075	12808	0.50 x 0.75	0.60	1.00	14	9.30	5,000	167.00	139.00
DMPF50144	12809	0.50 x 1.44	0.60	1.50	12	8.10	5,000	234.00	195.00
DMPF6520	12810	0.65 x 0.20	0.80	0.25	10	8.85	10,000	126.00	105.00
DMPF7525	12811	0.75 x 0.25	0.90	0.33	9	9.00	10,000	167.00	139.00
DMPF8020	12812	0.80 x 0.20	0.80	0.33	10	9.00	10,000	155.00	129.00
DMPF8050	12813	0.80 x 0.50	0.80	0.63	10	9.00	10,000	253.00	211.00
DMPF8094	12814	0.80 x 0.94	0.80	1.00	1	4.00	5,000	935.00	779.00
DMPF80144	12815	0.80 x 1.44	0.90	1.50	6	6.30	2,500	197.00	164.00
DMPF9025	12816	0.90 x 0.25	1.00	0.33	8	8.90	10,000	179.00	149.00
DMPF10038	12817	1.00 x 0.38	1.10	0.50	7	8.60	5,000	158.00	132.00
DMPF10050	12818	1.00 x 0.50	1.10	0.67	7	8.60	5,000	197.00	164.00
DMPF12538	12819	1.25 x 0.38	1.40	0.50	6	9.25	5,000	186.00	155.00
DMPF15025	12820	1.50 x 0.25	1.80	0.33	4	8.00	5,000	167.00	139.00
DMPF15075	12821	1.50 x 0.75	1.70	1.00	4	7.63	2,500	224.00	187.00
DMPF17525	12822	1.75 x 0.25	1.08	0.33	4	9.00	5,000	179.00	149.00
DMPF20038	12823	2.00 x 0.38	2.10	0.50	4	9.30	5,000	258.00	215.00
DMPF280150	12824	2.80 x 1.50	2.90	1.63	3	9.50	1,000	234.00	195.00
DMPF30038	12825	3.00 x 0.38	3.10	0.50	2	7.10	2,500	214.00	178.00
DMPF390144	12826	3.90 x 1.44	4.00	1.50	2	8.90	1,000	290.00	242.00

Also available in tyvec and tedlar materials.





### DOT MATRIX BLANK LABELS - METALLIZED POLYESTER FILM

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	LABELS PER PACK	NET PRICE PER PACK	
			HORIZ.	VERT.				1 TO 9	10+
DMMPF2525	12827	0.25 x 0.25	0.25	0.50	20	6.00	10,000	102.00	85.00
DMMPF3131	12828	0.31 x 0.31	0.31	0.50	10	4.15	10,000	130.00	109.00
DMMPF3838	12829	0.38 x 0.38	0.50	0.50	16	8.90	10,000	149.00	124.00
DMMPF5044	12830	0.50 x 0.44	0.50	0.50	16	9.00	10,000	149.00	124.00
DMMPF5075	12831	0.50 x 0.75	0.60	1.00	14	9.30	5,000	167.00	139.00
DMMPF6520	12832	0.65 x 0.20	0.80	0.25	10	8.85	10,000	128.00	107.00
DMMPF8050	12833	0.80 x 0.50	0.80	0.63	10	9.00	10,000	257.00	214.00
DMMPF8094	12834	0.80 x 0.94	0.80	1.00	1	4.00	5,000	947.00	789.00
DMMPF15075	12835	1.50 x 0.75	1.70	1.00	4	7.63	2,500	227.00	189.00
DMMPF280150	12836	2.80 x 1.50	2.90	1.63	3	9.50	1,000	237.00	198.00

### DOT MATRIX BLANK LABELS - VINYL CLOTH

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	LABELS PER PACK	NET PRICE PER PACK	
			HORIZ.	VERT.				1 TO 9	10+
DMVC3838	12837	0.38 x 0.38	0.50	0.50	16	8.90	10,000	143.00	119.00
DMVC5044	12838	0.50 x 0.44	0.50	0.50	16	9.00	10,000	143.00	119.00
DMVC5075	12839	0.50 x 0.75	0.60	1.00	14	9.30	5,000	164.00	137.00
DMVC50144	12840	0.50 x 1.44	0.60	1.50	12	8.10	5,000	230.00	192.00
DMVC7525	12841	0.75 x 0.25	0.90	0.33	9	9.00	10,000	164.00	137.00
DMVC80144	12842	0.80 x 1.44	0.90	1.50	6	6.30	2,500	194.00	162.00
DMVC10050	12843	1.00 x 0.50	1.10	0.67	7	8.60	5,000	194.00	162.00
DMVC15075	12844	1.50 x 0.75	1.70	1.00	4	7.63	2,500	221.00	184.00
DMVC280150	12845	2.80 x 1.50	2.90	1.63	3	9.50	1,000	230.00	192.00

### DOT MATRIX BLANK LABELS - PAPER

CATALOG NO.	NAED NO.	INCHES W x H	REPEAT		LABELS PER ROW	WEB WIDTH	LABELS PER PACK	NET PRICE PER PACK	
			HORIZ.	VERT.				1 TO 9	10+
DMPP2525	12846	0.25 x 0.25	0.25	0.50	20	6.00	10,000	47.00	39.00
DMPP3838	12847	0.38 x 0.38	0.50	0.50	16	8.90	10,000	59.00	49.00
DMPP5044	12848	0.50 x 0.44	0.50	0.50	16	9.00	10,000	59.00	49.00
DMPP5075	12849	0.50 x 0.75	0.60	1.00	14	9.30	5,000	63.00	53.00
DMPP50144	12850	0.50 x 1.44	0.60	1.50	12	8.10	5,000	83.00	69.00
DMPP7525	12851	0.75 x 0.25	0.90	0.33	9	9.00	10,000	65.00	54.00
DMPP8050	12852	0.80 x 0.50	0.80	0.63	10	9.00	10,000	87.00	73.00
DMPP8094	12853	0.80 x 0.94	0.80	1.00	1	4.00	5,000	299.00	249.00
DMPP10050	12854	1.00 x 0.50	1.10	0.67	7	8.60	5,000	71.00	59.00
DMPP15075	12855	1.50 x 0.75	1.70	1.00	4	7.63	2,500	81.00	68.00

**NSi Custom Labeling:**  
**High quality,**  
**custom pre-printed,**  
**pressure sensitive.**

NSi is able to provide high quality custom pre-printed pressure sensitive labels, nameplates, faceplates and overlays for all types of applications and environments. Available materials include vinyl, mylar, polyester, polycarbonate among others. Custom capabilities include mounting holes, pressure sensitive adhesive backing, special die cutting, clear windows, LED displays and barcodes. Design assistance is available for an impressive, professional label, nameplate or overlay. Call NSi Customer Service at 1.800.321.5847 for assistance.

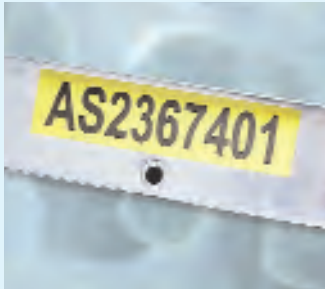
### MARK-PRO™ CABLE MARKER PLATES



Mark-Pro cable marker plates provide reliable method of identification of larger cables and bundles. They can be installed using standard nylon tie wraps. A fine tip permanent marker is recommended. Manufactured using natural colored nylon.

CATALOG NO.	NAED NO.	LENGTH	WIDTH	CABLE TIE SIZE	STD. PKG.	STD. CTN.	NET PRICE PER 100	
							STD. PKG.	STD. CTN.
MP-1	09020	1.00	0.63	mini, intermediate or standard	100	1,000	15.55	11.95
MP-2	09021	1.58	0.79	mini, intermediate or standard	100	1,000	18.15	13.95
MP-3	09022	2.36	1.00	mini, intermediate or standard	100	1,000	24.65	18.95
MP-4	09023	2.36	2.00	mini, intermediate or standard	100	1,000	34.95	28.95

### MARK-PRO™ CONTINUOUS POLYESTER THERMAL TRANSFER LABEL ROLLS



**For industrial signage, pipe marking and facility identification**

For use with TTP-1, Mark-Pro thermal transfer printer, these labels are made from a durable high strength polyester material with acrylic adhesive that can be used as warning and service labels, pipe marking, rating plates, and to identify cable trays and conduit runs. All of these signs can be created on site, on demand.

Mark-Pro stock comes on a continuous 100 foot spool. Standard white has a 5 to 7 year outdoor life. Text may begin to fade after this time.

Ideal for applications requiring a high durability label. Temperature range: -20°C to 150°C. UL-94 rating. Meets All Colors weathering resistance requirements of MIL-P-38477A. Meets MIL-STD 202F.

CATALOG NO.	NAED NO.	COLOR	WIDTH		LENGTH FEET	NET PRICE EACH ROLL	
			INCHES	MM		1-3 ROLLS	4 OR MORE
PM-2.0-W	12300	white	2.00	50	100	169.00	139.00
PM-2.0-Y	12301	yellow	2.00	50	100	209.00	179.00
PM-2.0-OR	12302	orange	2.00	50	100	209.00	179.00
PM-2.0-R	12303	red	2.00	50	100	209.00	179.00
PM-3.0-W	12304	white	3.00	75	100	259.00	219.00
PM-3.0-Y	12305	yellow	3.00	75	100	319.00	279.00
PM-3.0-OR	12306	orange	3.00	75	100	319.00	279.00
PM-3.0-R	12307	red	3.00	75	100	319.00	279.00
PM-4.0-W	12308	white	4.00	100	100	309.00	259.00
PM-4.0-Y	12309	yellow	4.00	100	100	369.00	319.00
PM-4.0-OR	12310	orange	4.00	100	100	369.00	319.00
PM-4.0-R	12311	red	4.00	100	100	369.00	319.00

### NSi Custom Signage and Facility Identification Services

NSi is able to meet all your "facility identification" needs. OSHA and ANSI compliant safety signage; chemical environment tags; hang, warning, carbon set and self-laminating tags; lockout/tagout signs, labels and tags; confined space tags; NFPA/NFR hazardous chemical signage and tags; machine warning labels and signs; hazard tapes; arrow markers; aisle markers and barcodes. Call NSi Customer Service at 1.800.321.5847 for assistance.

### WRITE-ON SELF LAMINATING WIRE MARKER DISPENSERS



Permanent markers are recommended for writing on these vinyl self laminating labels, backed with an acrylic adhesive. Temperature range: -40°F to 250°F. UL 969.

CATALOG NO.	NAED NO.	LABEL (INCHES)		WRITE-ON AREA	LABELS PER DISPENSER	NET PRICE EACH	
		LENGTH	HEIGHT			1 TO 9	10+
WLD-1	12312	0.75	1.25	0.75 x 0.31	300	21.95	17.95
WLD-2	12313	0.75	1.88	0.75 x 0.50	150	21.95	17.95
WLD-3	12314	0.75	3.00	0.75 x 0.75	90	21.95	17.95
WLD-4	12315	0.75	6.00	0.75 x 1.00	40	21.95	17.95

### WRITE-ON PRE-PRINTED LEGEND LABEL DISPENSERS



Made of durable tyvec, these labels are backed with acrylic adhesive. Other legends are available on request. UL 969.

CATALOG NO.	NAED NO.	LABEL DESCRIPTION LEGEND (written in black band)	LABELS PER DISPENSER	NET PRICE EACH	
				1 TO 9	10+
WOLD-1	12316	REJECTED	100	27.30	21.75
WOLD-2	12317	ACCEPTED	100	27.30	21.75
WOLD-3	12318	CALIBRATION	100	27.30	21.75
WOLD-4	12319	INSPECTED	100	27.30	21.75
WOLD-5	12320	DO NOT USE	100	27.30	21.75
WOLD-6	12321	REPAIRED BY	100	27.30	21.75
WOLD-7	12322	CAUTION	100	27.30	21.75
WOLD-8	12323	SERIAL NO.	100	27.30	21.75
WOLD-9	12324	BIN NO.	100	27.30	21.75
WOLD-10	12325	STOCK NO.	100	27.30	21.75
WOLD-11	12345	DANGER HIGH VOLTAGE	100	27.30	21.75
WOLD-12	12346	ELECTRICAL HAZARD	100	27.30	21.75

### ROLL LABEL DISPENSERS



Reusable, refillable, compact and convenient, roll label dispensers provide 760 1 1/4" markers per dispenser. Made of tough tyvek material with an excellent acrylic adhesive and a silicone release liner. usable temperature range: -40°F to 250°F. UL 969.

CATALOG NO.	NAED NO.	LABEL DESCRIPTION LEGEND	LABELS PER DISPENSER	NET PRICE EACH	
				1 TO 9	10+
RLD-1	12326	0-9	760	29.90	24.90
RLD-2	12327	10 letters	760	29.90	24.90
RLD-3	12328	10 NEMA colors	760	29.90	24.90
RLD-4	12329	0-9 refill	760	21.90	16.90
RLD-5	12330	10 same letters refill	760	21.90	16.90
RLD-6	12331	10 NEMA colors refill	760	21.90	16.90
RLD-7	12332	10 symbols refill (GND, +, -, etc.)	760	21.90	16.90

### POCKET-PAL BOOKS



Convenient NSi wire marker books made with vinyl impregnated cloth. A strong adhesive ensures the marking will last. Printed with black legends on a white background. Each book contains 450 wire markers. Temperature range: -40°F to 250°F.

CATALOG NO.	NAED NO.	LEGEND	MARKERS PER BOOK	CARTON QTY.	NET PRICE EACH		
					1 TO 9 BOOKS	10 TO 49 BOOKS	50 OR MORE BOOKS
WMB-1	09000	0-9	45 each	12	16.75	13.80	12.20
WMB-2	09001	A-Z, 0-15 +, -, /	10 each	12	16.75	13.80	12.20
WMB-3	09002	1-45	10 each	12	16.75	13.80	12.20
WMB-4	09003	1,2,3	150 each	12	16.75	13.80	12.20
WMB-5	09004	A,B,C	150 each	12	16.75	13.80	12.20
WMB-6	09005	T1,T2,T3	150 each	12	16.75	13.80	12.20
WMB-7	09006	L1,L2,L3	150 each	12	16.75	13.80	12.20
WMB-8	09007	1-15 16-90	6 each 4 each	12	16.75	13.80	12.20
WMB-9	09008	A-Z, +, -, /, 0	2 each	12	16.75	13.80	12.20
		1,2,3	45 each				
		A,B,C	45 each				
		L1,L2,L3	30 each				
		T1,T2,T3	30 each				
WMB-10	09009	10 NEMA COLORS	45 each	12	16.75	13.80	12.20
WMB-11	09010	1-30	15 each	12	16.75	13.80	12.20
WMB-12	09011	A-Z	15 each	12	16.75	13.80	12.20
		BLANK	21 each				
		+	8 each				
		-	7 each				
WMB-13	09012	+, -, AC, DC	45 each	12	16.75	13.80	12.20
		POS, NEG, GND	33 each				
		NEUT	27 each				
		SPARE, BLANK	21 each				
WMB-14	09013	0-9	45 each	12	16.75	13.80	12.20
		L1,L2,L3	15 each				
		T1,T2,T3	15 each				
WMB-15	09014	46-90	10 each	12	16.75	13.80	12.20
WMB-16	09015	1-33, A, B, C, +, -	10 each	12	16.75	13.80	12.20
		L1, L2, L3, T1, T2, T3	10 each				
WMB-20	09016	1 X 6 BLANK	30 each	12	18.25	14.95	13.65
		(1 X 1 WRITE-ON AREA)					
WMB-21	09017	1 X 3 BLANK	60 each	12	18.25	14.95	13.65
		(1 X 1 WRITE-ON AREA)					
WMB-LC	12110	load center legends	450 each	12	18.25	14.95	13.65
WMB-T	12111	datacom/telecom legends	450 each	12	18.25	14.95	13.65

Note: WMB-20 and WMB-21 are clear laminating vinyl with white marking tab.

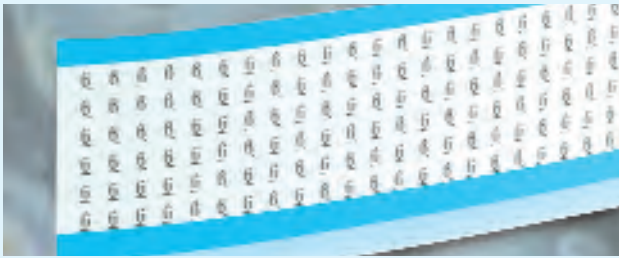




# Identification Products

EASY RELEASE MARKER CARDS

## EASY RELEASE WIRE MARKER CARDS



NSi wire marker cards are made from vinyl impregnated cloth with pressure-sensitive adhesive. Each marker is 1 1/2" long and is mounted on easy release dispenser cards for quick, easy identification. 25 cards per box.

**Net price per card: 1 to 99 cards – \$1.25**

**100 to 999 cards – \$1.10**

**1,000 to 2,499 cards – \$0.95**

The following standard legends are available:

CATALOG NO.	NAED NO.	SYMBOL	CATALOG NO.	NAED NO.	SYMBOL	CATALOG NO.	NAED NO.	SYMBOL	CATALOG NO.	NAED NO.	SYMBOL
WMC-0	12000	0	WMC-47	12047	47	WMC-94	12094	94	WMC-A	12601	A
WMC-1	12001	1	WMC-48	12048	48	WMC-95	12095	95	WMC-B	12602	B
WMC-2	12002	2	WMC-49	12049	49	WMC-96	12096	96	WMC-C	12603	C
WMC-3	12003	3	WMC-50	12050	50	WMC-97	12097	97	WMC-D	12604	D
WMC-4	12004	4	WMC-51	12051	51	WMC-98	12098	98	WMC-E	12605	E
WMC-5	12005	5	WMC-52	12052	52	WMC-99	12099	99	WMC-F	12606	F
WMC-6	12006	6	WMC-53	12053	53	WMC-100	12100	100	WMC-G	12607	G
WMC-7	12007	7	WMC-54	12054	54	WMC-141	12141	141	WMC-H	12608	H
WMC-8	12008	8	WMC-55	12055	55	WMC-143	12143	143	WMC-I	12609	I
WMC-9	12009	9	WMC-56	12056	56	WMC-145	12145	145	WMC-J	12610	J
WMC-10	12010	10	WMC-57	12057	57	WMC-146	12146	146	WMC-K	12611	K
WMC-11	12011	11	WMC-58	12058	58	WMC-150	12150	150	WMC-L	12612	L
WMC-12	12012	12	WMC-59	12059	59	WMC-151	12151	151	WMC-M	12613	M
WMC-13	12013	13	WMC-60	12060	60	WMC-155	12155	155	WMC-N	12614	N
WMC-14	12014	14	WMC-61	12061	61	WMC-157	12157	157	WMC-O	12615	O
WMC-15	12015	15	WMC-62	12062	62	WMC-158	12158	158	WMC-P	12616	P
WMC-16	12016	16	WMC-63	12063	63	WMC-160	12160	160	WMC-Q	12617	Q
WMC-17	12017	17	WMC-64	12064	64	WMC-170	12170	170	WMC-R	12618	R
WMC-18	12018	18	WMC-65	12065	65	WMC-172	12172	172	WMC-S	12619	S
WMC-19	12019	19	WMC-66	12066	66	WMC-174	12174	174	WMC-T	12620	T
WMC-20	12020	20	WMC-67	12067	67	WMC-176	12176	176	WMC-U	12621	U
WMC-21	12021	21	WMC-68	12068	68	WMC-177	12177	177	WMC-V	12622	V
WMC-22	12022	22	WMC-69	12069	69	WMC-178	12178	178	WMC-W	12623	W
WMC-23	12023	23	WMC-70	12070	70	WMC-179	12179	179	WMC-X	12624	X
WMC-24	12024	24	WMC-71	12071	71	WMC-180	12180	180	WMC-Y	12625	Y
WMC-25	12025	25	WMC-72	12072	72	WMC-181	12181	181	WMC-Z	12626	Z
WMC-26	12026	26	WMC-73	12073	73	WMC-183	12183	183	WMC-A-Z	12627	A-Z
WMC-27	12027	27	WMC-74	12074	74	WMC-184	12184	184			
WMC-28	12028	28	WMC-75	12075	75	WMC-187	12187	187	WMC-GND	12513	GND
WMC-29	12029	29	WMC-76	12076	76	WMC-188	12188	188			
WMC-30	12030	30	WMC-77	12077	77	WMC-190	12190	190	WMC-L1	12521	L1
WMC-31	12031	31	WMC-78	12078	78	WMC-191	12191	191	WMC-L2	12522	L2
WMC-32	12032	32	WMC-79	12079	79	WMC-192	12192	192	WMC-L3	12523	L3
WMC-33	12033	33	WMC-80	12080	80	WMC-197	12197	197			
WMC-34	12034	34	WMC-81	12081	81	WMC-199	12199	199	WMC-T1	12531	T1
WMC-35	12035	35	WMC-82	12082	82	WMC-200	12200	200	WMC-T2	12532	T2
WMC-36	12036	36	WMC-83	12083	83	WMC-255	12255	255	WMC-T3	12533	T3
WMC-37	12037	37	WMC-84	12084	84	WMC-256	12256	256			
WMC-38	12038	38	WMC-85	12085	85	WMC-257	12257	257			
WMC-39	12039	39	WMC-86	12086	86	WMC-259	12259	259			
WMC-40	12040	40	WMC-87	12087	87	WMC-260	12260	260			
WMC-41	12041	41	WMC-88	12088	88	WMC-1-33	12500	1-33			
WMC-42	12042	42	WMC-89	12089	89	WMC-34-66	12501	34-66			
WMC-43	12043	43	WMC-90	12090	90	WMC-67-99	12502	67-99			
WMC-44	12044	44	WMC-91	12091	91	WMC-100-124	12503	100-124			
WMC-45	12045	45	WMC-92	12092	92	WMC +	12511	+			
WMC-46	12046	46	WMC-93	12093	93	WMC -	12512	-			

### Assortment Pack

WMC-1-25A 12635

Contains 1 each of numbers  
1 through 25 per box,  
1 number per card: \$23.75/pack

### VOLTAGE MARKERS



Pressure-sensitive vinyl markers for marking power lines, conduit bus, fuse boxes, switches and other electrical equipment, stocked in three convenient sizes. black lettering on orange background.

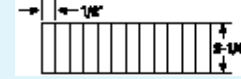
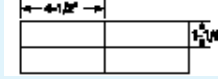
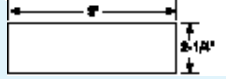
#### Net price per card:

**1 to 49 cards – \$2.30**

**50 to 249 cards – \$2.05**

**250 or more cards – \$1.90**

25 cards per box.



LEGEND	STYLE A		STYLE B		STYLE C	
	CAT. NO.	NAED NO.	CAT. NO.	NAED NO.	CAT. NO.	NAED NO.
110 Volts	VM-A-1	15001	VM-B-1	15101	VM-C-1	15201
120 Volts	VM-A-3	15003	VM-B-3	15103	VM-C-3	15203
208 Volts	VM-A-4	15004	VM-B-4	15104	VM-C-4	15204
220 Volts	VM-A-5	15005	VM-B-5	15105	VM-C-5	15205
240 Volts	VM-A-7	15007	VM-B-7	15107	VM-C-7	15207
277 Volts	VM-A-9	15009	VM-B-9	15109	VM-C-9	15209
380 Volts	VM-A-10	15010	VM-B-10	15110	VM-C-10	15210
440 Volts	VM-A-11	15011	VM-B-11	15111	VM-C-11	15211
460 Volts	VM-A-12	15012	VM-B-12	15112	VM-C-12	15212
480 Volts	VM-A-13	15013	VM-B-13	15113	VM-C-13	15213
600 Volts	VM-A-15	15015	VM-B-15	15115	VM-C-15	15215
2400 Volts	VM-A-18	15018	VM-B-18	15118	VM-C-18	15218
4160 Volts	VM-A-19	15019	VM-B-19	15119	VM-C-19	15219
4800 Volts	VM-A-20	15020	VM-B-20	15120	VM-C-20	15220
5000 Volts	VM-A-21	15021	VM-B-19	15121	VM-C-21	15221
7200 Volts	VM-A-23	15023	VM-B-23	15123	VM-C-23	15223
12000 Volts	VM-A-24	15024	VM-B-24	15124	VM-C-24	15224
12470 Volts	VM-A-25	15025	VM-B-25	15125	VM-C-25	15225
13200 Volts	VM-A-27	15027	VM-B-27	15127	VM-C-27	15227
13800 Volts	VM-A-28	15028	VM-B-28	15128	VM-C-28	15228
Single Phase	VM-A-30	15030	VM-B-30	15130	VM-C-30	15230
Three Phase	VM-A-32	15032	VM-B-32	15132	VM-C-32	15232
Power	VM-A-33	15033	VM-B-33	15133	VM-C-33	15233
Lights	VM-A-34	15034	VM-B-34	15134	VM-C-34	15234
120V to 208V	VM-A-35	15035	VM-B-35	15135	VM-C-35	15235
120V to 240V	VM-A-36	15036	VM-B-36	15136	VM-C-36	15236
277V to 480V	VM-A-37	15037	VM-B-37	15137	VM-C-37	15237
Volts	VM-A-46	15046	VM-B-46	15146	VM-C-46	15246
Danger High Voltage	VM-A-48	15048	VM-B-48	15148	VM-C-48	15248
24 Volts	VM-A-49	15049	VM-B-49	15149	VM-C-49	15249

### NSi Commercial and Industrial Pipe Marking Services

NSi provides ASME A13.1-1996 compliant snap-on, strap-on and pressure sensitive vinyl pipe markers. For commercial and industrial piping systems, refrigeration and medical gas piping applications. Made from high quality PVC, vinyl, polyester and tedlar materials – these products conform to ASME A13.1-1996 and ANSI Z535.1-1998 and are good for both indoor and outdoor applications. Call NSi Customer Service at 1.800.321.5847 for assistance.

### SAFETY SIGNS



All safety signs are 10" x 14" except NSS-3 and NRP-3 which are 14" x 20". Other sizes and legends available. Contact NSi for details.

Self-adhesive labels are sub-surface printed polyester labels. All labels shown at bottom of this page measure 2 1/4" x 4 1/2".

Rigid signs are available in either polycarbonate or polyester material.

CATALOG NO.	NAED NO.	TYPE	MATERIAL	LEGEND	STD. CTN.	NET PRICE EACH	
						LESS CTN.	CTN. OR MORE
DSS-1	17270	Danger	Self-stick	Area in Front of This Panel Must be Kept Clear for 36 Inches OSHA-NEC Regulations	25	11.95	9.95
DRP-1	17271	Danger	Rigid plastic	Area in Front of This Panel Must be Kept Clear for 36 Inches OSHA-NEC Regulations	25	15.55	12.95
DSS-2	17272	Danger	Self-stick	Do Not Enter	25	11.95	9.95
DRP-2	17273	Danger	Rigid plastic	Do Not Enter	25	15.55	12.95
DSS-3	17274	Danger	Self-stick	Authorized Personnel Only	25	11.95	9.95
DRP-3	17275	Danger	Rigid plastic	Authorized Personnel Only	25	15.55	12.95
DSS-4	17276	Danger	Self-stick	Electrical Hazard - Keep Out	25	11.95	9.95
DRP-4	17277	Danger	Rigid plastic	Electrical Hazard - Keep Out	25	15.55	12.95
DSS-5	17278	Danger	Self-stick	High Voltage	25	11.95	9.95
DRP-5	17279	Danger	Rigid plastic	High Voltage	25	15.55	12.95
DSS-6	17280	Danger	Self-stick	High Voltage - Keep Out	25	11.95	9.95
DRP-6	17281	Danger	Rigid plastic	High Voltage - Keep Out	25	15.55	12.95
DSS-7	17282	Danger	Self-stick	No Smoking	25	11.95	9.95
DRP-7	17283	Danger	Rigid plastic	No Smoking	25	15.55	12.95
DSS-8	17284	Danger	Self-stick	No Smoking - No Fumar	25	11.95	9.95
DRP-8	17285	Danger	Rigid plastic	No Smoking - No Fumar	25	15.55	12.95
DSS-9	17286	Danger	Self-stick	Use Lockout Tag Before Any Maintenance	25	11.95	9.95
DRP-9	17287	Danger	Rigid plastic	Use Lockout Tag Before Any Maintenance	25	15.55	12.95
CSS-1	17288	Caution	Self-stick	Eye Protection Required Beyond This Point	25	11.95	9.95
CRP-1	17289	Caution	Rigid plastic	Eye Protection Required Beyond This Point	25	15.55	12.95
CSS-2	17290	Caution	Self-stick	Keep Out	25	11.95	9.95
CRP-2	17291	Caution	Rigid plastic	Keep Out	25	15.55	12.95
CSS-3	17292	Caution	Self-stick	This Machine Must be Locked Out Prior to Servicing	25	11.95	9.95
CRP-3	17293	Caution	Rigid plastic	This Machine Must be Locked Out Prior to Servicing	25	15.55	12.95
NSS-1	17294	Notice	Self-stick	No Smoking	25	11.95	9.95
NRP-1	17295	Notice	Rigid plastic	No Smoking	25	15.55	12.95
NSS-2	17296	Notice	Self-stick	No Admittance	25	11.95	9.95
NRP-2	17297	Notice	Rigid plastic	No Admittance	25	15.55	12.95
NSS-3	17298	Notice	Self-stick	In Accordance with... *	25	11.95	9.95
NRP-3	17299	Notice	Rigid plastic	In Accordance with... *	25	15.55	12.95

\* In Accordance with OSHA Standard 1910.147, All Equipment, Machines and Processes Shall Be Locked Out Prior to Servicing. Lockout Procedures are Posted in the Main Operating Area and/or by the Main Energy Source of Each Machine. If You Have any Questions About the Lockout Procedures, Please See Your Supervisor or the Safety Director. This Standard Will Be Strictly Enforced.

### SELF-ADHESIVE LABELS

CAT. NO.	NAED NO.	LEGEND	STD. CTN.	NET PRICE EACH	
				LESS CTN.	CTN. OR MORE
VL-1	17250	Lock Out for Safety	25	1.90	1.60
VL-2	17251	Lock Out Before Servicing	25	1.90	1.60
VL-3	17252	Lock Out Here	25	1.90	1.60
VL-4	17253	Remove All Doubt. Lock It Out.	25	1.90	1.60
VL-5	17254	This Disconnect Does Not Remove All Power from Panel	25	1.90	1.60
VL-6	17255	Use Lockout Device During Maintenance	25	1.90	1.60
VL-7	17256	Warning - Potential Arc-Flash Hazards Exist While Working on this Energized Equipment	25	1.90	1.60

### BARRICADE TAPES



All NSi line tapes are made of long lasting, non-adhesive polyethylene for exceptional quality, durability and performance. Used above ground to mark off hazards. Supplied in 1,000 ft. rolls. Custom legends are available. Contact your NSi Custom Service representative for details.

CAT. NO.	NAED NO.	LEGEND	COLOR	WIDTH	NET PRICE PER ROLL	
					1 TO 24	25 OR MORE
BT-305	15505	Caution	Yellow	3	50.95	38.95
BT-308	15508	Caution Do Not Enter	Yellow	3	50.95	38.95
BT-309	15509	Caution Energized Area	Yellow	3	50.95	38.95
BT-312	15512	Caution High Voltage	Yellow	3	50.95	38.95
BT-313	15513	Caution Keep Out	Yellow	3	50.95	38.95
BT-319	15519	Caution Open Trench	Yellow	3	50.95	38.95

### UNDERGROUND LINE TAPES



Underground tapes are impervious to alkalines, acids and other soil components for the protection, location and identification of underground utility installations. Consists of a 4 mil overall thickness, inert 100 percent virgin low-density

polyethylene plastic film formulated for underground use. Environmentally safe ink. Supplied in 1,000 ft. rolls. Custom legends are available. Contact your NSi Custom Service representative for details.

CAT. NO.	NAED NO.	LEGEND	COLOR	WIDTH	NET PRICE PER ROLL	
					1 TO 24	25 OR MORE
ULT-326	15626	Caution Buried Electric Line Below	yellow	3	53.90	41.25
ULT-327	15627	Caution Buried Electric Line Below	red	3	53.90	41.25
ULT-623	15723	Caution Buried Cable TV Line Below	orange	6	90.90	76.90
ULT-626	15726	Caution Buried Electric Line Below	yellow	6	90.90	76.90
ULT-627	15727	Caution Buried Electric Line Below	red	6	90.90	76.90
ULT-630	15730	Caution Buried High Voltage Line Below	yellow	6	90.90	76.90
ULT-631	15731	Caution Buried High Voltage Line Below	red	6	90.90	76.90
ULT-636	15736	Caution Buried Telephone Line Below	orange	6	90.90	76.90
ULT-642	15742	Caution Buried Fiber Optic Line Below	orange	6	90.90	76.90
ULT-643	15930	Caution Buried Communication Line Below	orange	6	90.90	76.90

### DETECTABLE UNDERGROUND LINE TAPES



Consists of a minimum 5 mil overall thickness with no less than a 35 gauge solid aluminum foil core, which allows for easy detection. Specially formulated to resist degradation by elements normally encountered in soil. All printing is encased to avoid ink rub-off.

Supplied in 1,000 ft. rolls.

Custom legends are available. Contact your NSi Custom Service representative for details.

CAT. NO.	NAED NO.	LEGEND	COLOR	WIDTH	NET PRICE PER ROLL	
					1 TO 24	25 OR MORE
ULTD-327	15827	Caution Buried Electric Line Below	red	3	124.30	103.50
ULTD-336	15828	Caution Buried Telephone Line Below	orange	3	124.30	103.50
ULTD-342	15831	Caution Buried Fiber Optic Line Below	orange	3	124.30	103.50
ULTD-343	15829	Caution Buried Communication Line Below	yellow	3	124.30	103.50
ULTD-626	15926	Caution Buried Electric Line Below	yellow	6	239.00	199.90
ULTD-627	15927	Caution Buried Electric Line Below	red	6	239.00	199.90
ULTD-636	15928	Caution Buried Telephone Line Below	orange	6	239.00	199.90
ULTD-643	15929	Caution Buried Communication Line Below	yellow	6	239.00	199.90



### LOCKOUT/TAGOUT TRAINING PROGRAM



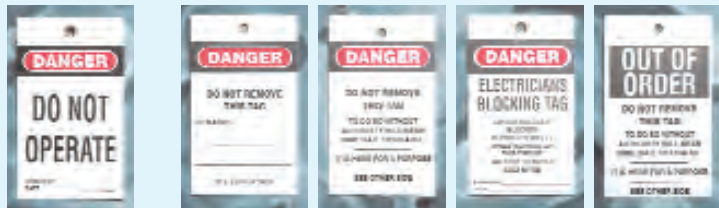
CATALOG NO.	NAED NO.	DESCRIPTION	STANDARD CARTON	NET PRICE EACH	
				1 TO 9	10+
LOTO-TR		training program	1	179.00	179.00
LOTO-RC		reference cards only	10	9.95	7.95

### PADLOCKS AND PADLOCK LABELS



CATALOG NO.	NAED NO.	COLOR	SIZE INCHES	DESCRIPTION	STANDARD CARTON	NET PRICE EACH	
						1 TO 5	6+
HSP-1	17215	blue	0.75	keyed different	6	14.95	12.95
HSP-21	17216	blue	2.00	keyed different	6	14.95	12.95
HSP-2	17217	black	0.75	keyed different	6	14.95	12.95
HSP-22	17218	black	2.00	keyed different	6	14.95	12.95
HSP-3	17219	white	0.75	keyed different	6	14.95	12.95
HSP-23	17220	white	2.00	keyed different	6	14.95	12.95
HSP-4	17221	red	0.75	keyed different	6	14.95	12.95
HSP-24	17222	red	2.00	keyed different	6	14.95	12.95
HSP-5	17223	green	0.75	keyed different	6	14.95	12.95
HSP-25	17224	green	2.00	keyed different	6	14.95	12.95
HSP-6	17225	yellow	0.75	keyed different	6	14.95	12.95
HSP-26	17226	yellow	2.00	keyed different	6	14.95	12.95
KAMK-BLU	17150	blue	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
KAMK-RED	17151	red	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
KAMK-YLW	17152	yellow	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
KAMK-GRN	17153	green	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
KAMK-BLK	17154	black	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
KAMK-WHT	17155	white	0.75	keyed alike & master key 0.75" shackle	6	24.80	20.65
MK-BLU	17156	blue	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
MK-RED	17157	red	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
MK-YLW	17158	yellow	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
MK-GRN	17159	green	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
MK-BLK	17160	black	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
MK-WHT	17161	white	0.75	keyed different & master key 0.75" shackle	6	23.10	19.25
KALS-BLU	17162	blue	2.00	keyed alike 2" shackle	6	22.20	18.50
KALS-RED	17163	red	2.00	keyed alike 2" shackle	6	22.20	18.50
KALS-YLW	17164	yellow	2.00	keyed alike 2" shackle	6	22.20	18.50
KALS-GRN	17165	green	2.00	keyed alike 2" shackle	6	22.20	18.50
KALS-BLK	17166	black	2.00	keyed alike 2" shackle	6	22.20	18.50
KALS-WHT	17167	white	2.00	keyed alike 2" shackle	6	22.20	18.50
VLL	17229		0.75 x 5.00	steel lock labels	25	2.10	1.75

### VINYL DANGER WARNING TAGS

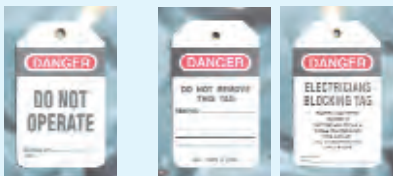


TYPICAL FRONT      BACK OPTIONS A      B      C      D

These durable warning tags are made of rigid vinyl with brass grommets to withstand moisture, dirt and grease. Write on with pencil, ballpoint pen or permanent marker. Meets OSHA requirements for accident prevention tags. Standard size is 3 1/4" x 5 1/2". Custom legends are available. Contact NSi for details. Heavy duty lockout tags can withstand over 80 pounds of pulling pressure.

CATALOG NO.	NAED NO.	DUTY	LEGEND	STANDARD		NET PRICE EACH	
				BACK	CARTON	LESS CTN.	CTN. OR MORE
VWT-1	17231	standard	Circuit Energized	A	25	1.80	1.50
VWT-2	17232	standard	Current On	A	25	1.80	1.50
VWT-3	17233	standard	Defective Equipment	A	25	1.80	1.50
VWT-4	17234	standard	Do Not Operate This Switch	A	25	1.80	1.50
VWT-5	17235	standard	Do Not Operate	A	25	1.80	1.50
VWT-6	17236	standard	High Voltage	A	25	1.80	1.50
VWT-7	17237	standard	Keep Out	A	25	1.80	1.50
VWT-8	17238	standard	Live Wire	A	25	1.80	1.50
VWT-9	17239	standard	Do Not Close	B	25	1.80	1.50
VWT-10	17240	standard	Do Not Open	B	25	1.80	1.50
VWT-11	17241	standard	Do Not Start	B	25	1.80	1.50
VWT-12	17242	standard	Do Not Touch	B	25	1.80	1.50
VWT-13	17243	standard	Do Not Touch This Switch	B	25	1.80	1.50
VWT-14	17244	standard	Hands Off	B	25	1.80	1.50
VWT-15	17245	standard	Men Working on Machinery	B	25	1.80	1.50
VWT-16	17246	standard	Equipment Locked Out	B	25	1.80	1.50
VWT-17	17247	standard	Electrician's Blocking Tag	C	25	1.80	1.50
VWT-18	17248	standard	Out of Order	D	25	1.80	1.50
LT-1	17206	heavy duty	Do Not Start	A	25	1.70	1.40
LT-2	17207	heavy duty	Equipment Locked Out	A	25	1.70	1.40
LT-3	17208	heavy duty	Do Not Open	A	25	1.70	1.40
LT-4	17209	heavy duty	Do Not Operate	A	25	1.70	1.40
LT-5	17210	heavy duty	Electrician's Blocking Tag (with special Electrician's blocking tag info on back)	A	25	1.70	1.40
LT-6	17211	heavy duty	Do Not Operate (English and Spanish)	A	25	1.70	1.40
LT-7	17212	heavy duty	Do Not Operate (with sealing tag on back for personalization with photo)	A	25	2.35	1.95

### SUPER LAMINATED, REUSABLE, LOCKOUT TAGS



TYPICAL FRONT      BACK OPTIONS A      B

Super laminated tags are printed on high molecular weight polyolefin, which allows the laminating film to actually penetrate the stock and become one. The laminated peel strength is up to six times greater than a common paper laminated tag.

Eyelet size is 1/4" but they are also available up to 7/16" diameter. NSi super laminated tags exceed OSHA lockout requirements. Standard size is 3 1/4" x 5 1/2". Custom tags are also available. Contact NSi for details.

CAT. NO.	NAED NO.	LEGEND	BACK	STD. CTN.	NET PRICE EACH	
					LESS CTN.	CTN. OR MORE
SLT-1	17261	Do Not Open	A	25	2.95	2.45
SLT-2	17262	Do Not Close	A	25	2.95	2.45
SLT-3	17263	Men Working on Machinery	A	25	2.95	2.45
SLT-4	17264	Do Not Start	A	25	2.95	2.45
SLT-5	17265	Do Not Start	B	25	2.95	2.45
SLT-6	17266	Do Not Operate	A	25	2.95	2.45
SLT-7	17267	Do Not Operate	B	25	2.95	2.45
SLT-8	17268	Do Not Touch This Switch	A	25	2.95	2.45
SLT-9	17269	Do Not Touch This Switch	B	25	2.95	2.45

## PLUG LOCKOUTS & WALL SWITCH LOCKOUT



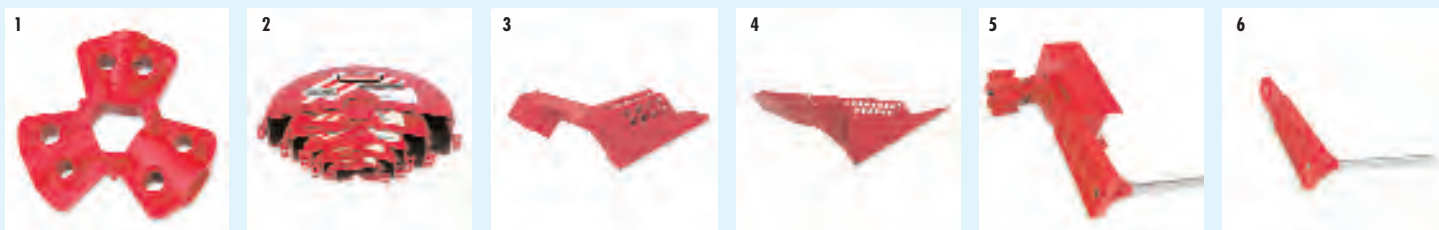
CATALOG NO.	NAED NO.	FIGURE	SIZE INCHES	DESCRIPTION	STANDARD CARTON	NET PRICE EACH LESS CTN.	CTN. OR MORE
PLO-110	17171	1	2.25 x 6.00	2.25 inch diameter plug lockout 110 and 220 volt	6	24.20	20.15
PLO-220-550	17172	1	3.00 x 6.00	3 inch diameter plug lockout 220 through 550 volt	6	31.50	26.25
PBLO-110	17173	2		110 volt plug blade lockout	6	41.20	34.35
WSL-1	17181	3		wall toggle /decora switch lockout	6	19.40	16.15

## CIRCUIT BREAKER LOCKOUTS



CATALOG NO.	NAED NO.	FIGURE	DESCRIPTION	STANDARD CARTON	NET PRICE EACH LESS CTN.	CTN. OR MORE
Cbsp-1	17174	1	circuit breaker padlock with 5 foot cable	6	21.48	17.90
FBB-1	17175	2	fuse block blackout device. .25" through .56" fuses	6	8.35	6.95
LCBL-2.5	17176	3	large breaker lockout	6	19.15	15.95
SPCBL-RSH	17177	red	single pole breaker lockout	6	9.55	7.95
CBL-277	17178	4	277 volt no hole breaker lockout	6	14.10	11.75
CBL-480	17179	5	480/600 volt no hole breaker lockout	6	16.15	13.45
CBL-UNIVMP	17180	6	universal multi-pole circuit breaker lockout	6	16.15	13.45

## VALVE LOCKOUTS



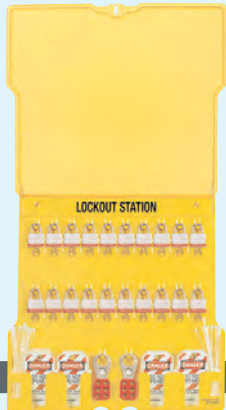
CATALOG NO.	NAED NO.	FIGURE	DESCRIPTION	STANDARD CARTON	NET PRICE EACH LESS CTN.	CTN. OR MORE
PHL-1	17182	1	pneumatic lockout – 0.25" through 0.50" fittings	6	41.15	34.30
GVL-1-3	17183	2	gate valve lockout – 1.00" through 3.00"	6	29.05	24.20
GVL-2-5	17184	2	gate valve lockout – 2.00" through 5.00"	6	43.60	36.35
GVL-4-6.5	17185	2	gate valve lockout – 4.00" through 6.50"	6	60.60	50.50
GVL-6-10	17186	2	gate valve lockout – 6.00" through 10.00"	6	72.80	60.65
GVL-8-13	17187	2	gate valve lockout – 8.00" through 13.00"	6	94.80	79.00
GVL-SET	17188	2	gate valve lockouts – complete set	1	232.80	194.00
BLV-.25-1	17189	3	ball valve lockout – .25" through 1.00"	6	41.15	34.30
BLV-1.25-3	17190	4	ball valve lockout – 1.25" through 3.00"	6	72.80	60.65
BLV-UNIV	17191	5	ball valve lockout – universal	6	116.60	97.15
BLV-ADAPTARM	17192	6	adapter arm for 3, 4 and 5-way valves – use with BLV-UNIV	6	60.60	50.50

### HASPS & LARGE EQUIPMENT ADJUSTABLE CABLE LOCKOUT



CATALOG NO.	NAED NO.	FIGURE	COLOR	SIZE	DESCRIPTION	STANDARD CARTON	NET PRICE EACH LESS CTN.	CTN+
MLH-100	17227	1	red	1"	scissor type metal hasp – 6 lock	6	11.45	9.95
MLH-150	17228	1	red	1.5"	scissor type metal hasp – 6 lock	6	14.35	11.95
MLH-200	17168	2	red	7 x 2.88"	large metal lockout hasp	6	11.45	9.95
ACL-1	17169	3	red	6'	adjustable lockout cable for large equipment	6	46.80	39.00
ACL-2	17170			15'	cable only	6	29.95	24.95

### LOCK STATIONS



CAT. NO.	NAED NO.	DESCRIPTION	PACKAGE INCLUDES	SIZE	STD.CTN.	NET PRICE EA.
LOS-1C	17200	Individual station	4 blue bumber padlocks, 25 'Do Not Operate' tags	9 x 12	1	149.00
LOS-1	17201	Individual station	Station only	9 x 12	1	65.00
LOS-10C	17202	10 position station	10 blue bumber padlocks, 25 'Do Not Operate' tags & 3 - 1" safety lock-outs	12 x 19	1	309.00
LOS-10	17203	10 position station	Station only	12 x 19	1	119.00
LOS-20C	17204	20 position station	20 blue bumber padlocks, 50 'Do Not Operate' tags & 6 - 1" safety lock-outs	24 x 19	1	589.00
LOS-20	17205	20 position station	Station only	24 x 19	1	209.00

### LOCKOUT STATIONS, KITS AND BOX



CATALOG NO.	NAED NO.	TYPE (FIG.)	DESCRIPTION	STANDARD CARTON	NET PRICE EACH
EWMS	17193	station (1)	<b>STATION:</b> electrical wall-mount lockout	1	349.00
VEWMS	17194	station (2)	<b>STATION:</b> valve and electrical wall-mount lockout	1	695.00
PELOK	17195	kit	<b>PERSONAL</b> electrical lockout kit	1	199.00
PVELOK	17196	kit	<b>PERSONAL</b> valve and electrical lockout kit	1	309.00
GELOK	17197	kit (3)	<b>GROUP</b> electrical lockout kit	1	319.00
GVELOK	17198	kit (4)	<b>GROUP</b> valve and electrical lockout kit	1	479.00
GLB-1	17199	box (5)	<b>GROUP</b> lock box – 13 lock – 9.25 x 3.75 x 6"	1	69.00





# Heat Shrink

HEAVY WALL WITH SEALANT – SUBMERSIBLE

## HEAVY WALL WITH SEALANT - FOR DIRECT BURIAL AND SUBMERSIBLE APPLICATIONS



Made of specially formulated polyolefin, which is irradiated and thermally stabilized to give the material an “elastic memory”. When a proper amount of heat is directly applied to the shrink sleeve, it will permanently shrink to its original unexpanded diameter. The characteristics of these sleeves are such that they will shrink to tightly cover, and in a sense “mold” themselves into irregular shapes. The interior of the sleeve is coated with an adhesive that assures a watertight seal after shrinking. Recommended for installation on applications of up to 1,000 volts. Shrinking temperature is 250-275°F.

For use on standard poly- or elastomeric-insulated/jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring.

UL recognized per UL486D, CSA C22.2, ANSI C119.1-1986. RUS accepted for use as a secondary tap or splice cover. May be used for jacket repair on cables up to 35 kV.

Heavy wall heat shrink is also available without sealant. Medium wall heat shrink and flame retardant heavy wall heat shrink also available, with or without sealant (not UL Listed). Please contact NSi for price and delivery.

CATALOG NO.	NAED NO.	CABLE SPLICE RANGE	GENERAL USE RANGE (INCHES)		LENGTH (INCHES)	NOMINAL RECOVERED WALL THICKNESS	NET PRICE EACH	
			MAXIMUM	MINIMUM			1 TO 4 CARTONS	5 OR MORE CARTONS
HWHS 300-6	01172	8-14 AWG	.30	.15	6	.079	3.60	2.75
HWHS 300-12	01173	8-14 AWG	.30	.15	12	.079	6.90	5.30
HWHS 300-48	01174	8-14 AWG	.30	.15	48	.079	24.85	19.15
HWHS 400-6	01150	6-12 AWG	.45	.20	6	.090	4.10	3.05
HWHS 400-12	01193	6-12 AWG	.45	.20	12	.090	7.65	5.85
HWHS 400-48	01151	6-12 AWG	.45	.20	48	.090	27.80	21.05
HWHS 750-4	01175	2-8 AWG	.70	.25	4	.090	3.35	2.55
HWHS 750-6	01152	2-8 AWG	.70	.25	6	.090	4.20	3.25
HWHS 750-9	01176	2-8 AWG	.70	.25	9	.090	6.45	4.95
HWHS 750-12	01153	2-8 AWG	.70	.25	12	.090	7.75	6.05
HWHS 750-48	01154	2-8 AWG	.70	.25	48	.090	28.35	21.75
HWHS 110-4	01186	4/0-4 AWG	1.20	.35	4	.120	3.35	2.55
HWHS 110-6	01168	4/0-4 AWG	1.20	.35	6	.120	4.90	3.75
HWHS 110-8	01177	4/0-4 AWG	1.20	.35	8	.120	6.45	4.95
HWHS 110-9	01155	4/0-4 AWG	1.20	.35	9	.120	6.70	5.25
HWHS 110-12	01156	4/0-4 AWG	1.20	.35	12	.120	8.80	6.70
HWHS 110-48	01157	4/0-4 AWG	1.20	.35	48	.120	32.35	24.85
HWHS 150-6	01178	400 MCM -1/0 AWG	1.55	.50	6	.160	5.65	4.35
HWHS 150-9	01158	400 MCM -1/0 AWG	1.55	.50	9	.160	8.35	6.45
HWHS 150-12	01159	400 MCM -1/0 AWG	1.55	.50	12	.160	10.30	8.15
HWHS 150-48	01160	400 MCM -1/0 AWG	1.55	.50	48	.160	38.30	30.20
HWHS 200-6	01179	500-250 MCM	1.75	.70	6	.160	6.70	5.15
HWHS 200-9	01161	500-250 MCM	1.75	.70	9	.160	9.60	7.35
HWHS 200-12	01162	500-250 MCM	1.75	.70	12	.160	12.40	9.50
HWHS 200-48	01163	500-250 MCM	1.75	.70	48	.160	45.50	36.40
HWHS 268-6	01190	1000-400 MCM	2.45	.90	6	.160	8.25	6.35
HWHS 268-9	01164	1000-400 MCM	2.45	.90	9	.160	11.80	9.45
HWHS 268-12	01165	1000-400 MCM	2.45	.90	12	.160	14.75	11.80
HWHS 268-48	01166	1000-400 MCM	2.45	.90	48	.160	58.10	46.45
HWHS 370-12*	01191	1250-800 MCM	3.70	1.30	12	.169	18.05	13.90
HWHS 370-48*	01192	1250-800 MCM	3.70	1.30	48	.169	71.25	54.80
HWHS 420-12*	01193	2500-1500 MCM	4.20	1.60	12	.169	20.75	15.95
HWHS 420-48*	01194	2500-1500 MCM	4.20	1.60	48	.169	81.85	62.95

\* Not UL Listed

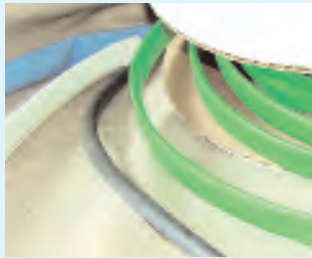
### Connectors over 6 inches:

recommended cut length = connector length + 5 inches.

### Connectors up to 6 inches:

recommended cut length = connector length + 4 inches.

### THIN WALL TUBING



Flexible flame-retardant, thin wall, general purpose heat-shrinkable polyolefin tubing has a 2:1 shrink ratio. Used for electrical insulation, wire harness bundling, wire jacket marking and color coding, it also splices and makes functional terminations. Available in black, white, red, green, blue and clear. Standard packaging is either 6" lengths in blister boxes, 96" plastic display

spools, 48" lengths, 25 ft. spools or very long lengths on spools.

UL Recognized to Standard 224. Black, white and colored thin wall tubing meet MIL-DTL-23053/5, Class 1. Clear meets MIL-DTL-23053/5, Class 2 and is not flame retardant. Rated 600 volts, 125°C.

CATALOG NO.	NAED NO.	EXPANDED I.D.	RECOVERED I.D.	NOMINAL RECOVERED WALL THICKNESS	PACKAGING	COLOR	NET PRICE EACH	
							1 TO 49	50 OR MORE
TWHS-046-6	01350	.046	0.23	.016	15 pieces x 6" (blister box)	black	9.60	7.95
TWHS-046-48	01351	.046	0.23	.016	48" length	black	3.05	2.50
TWHS-046	01352	.046	0.23	.016	1,000 ft. spool	black	599.00	498.00
TWHS-063-6	01353	.063	.031	.017	15 pieces x 6" (blister box)	black	9.60	7.95
TWHS-063-DS	01400	.063	.031	.017	plastic spool – 96"	black	13.15	10.95
TWHS-063-48	01354	.063	.031	.017	48" length	black	3.20	2.65
TWHS-063-25B	01416	.063	.031	.017	25 ft. spool	black	23.95	19.95
TWHS-063-25W	01417	.063	.031	.017	25 ft. spool	white	25.95	21.95
TWHS-063-25C	01418	.063	.031	.017	25 ft. spool	clear	25.95	21.95
TWHS-063	01355	.063	.031	.017	1,000 ft. spool	black	619.00	515.00
TWHS-093-6	01356	.093	.046	.020	15 pieces x 6" (blister box)	black	9.60	7.95
TWHS-093-48	01357	.093	.046	.020	48" length	black	3.30	2.75
TWHS-093-25B	01419	.093	.046	.020	25 ft. spool	black	26.35	21.95
TWHS-093-25W	01420	.093	.046	.020	25 ft. spool	white	28.75	23.95
TWHS-093-25C	01421	.093	.046	.020	25 ft. spool	clear	28.75	23.95
TWHS-093	01358	.093	.046	.020	1,000 ft. spool	black	649.00	539.00
TWHS-125-6	01359	.125	.062	.020	15 pieces x 6" (blister box)	black	9.60	7.95
TWHS-125-DS	01561	.125	.062	.020	plastic spool – 96"	black	14.35	11.95
TWHS-RED	01390	.125	.062	.020	15 pieces x 6" (blister box)	red	9.60	7.95
TWHS-125-48	01360	.125	.062	.020	48" length	black	3.45	2.95
TWHS-125-25B	01422	.125	.062	.020	25 ft. spool	black	27.55	22.95
TWHS-125-25W	01423	.125	.062	.020	25 ft. spool	white	29.95	24.95
TWHS-125-25C	01424	.125	.062	.020	25 ft. spool	clear	29.95	24.95
TWHS-125-500B	01425	.125	.062	.020	500 ft. spool	black	299.00	249.00
TWHS-125	01361	.125	.062	.020	1,000 ft. spool	black	665.00	553.00
TWHS-187-6	01362	.187	.093	.020	12 pieces x 6" (blister box)	black	9.60	7.95
TWHS-187-DS	01562	.187	.093	.020	plastic spool – 96"	black	15.55	12.95
TWHS-BLUE	01391	.187	.093	.020	12 pieces x 6" (blister box)	blue	9.60	7.95
TWHS-187-48	01363	.187	.093	.020	48" length	black	4.35	3.60
TWHS-187-25B	01428	.187	.093	.020	25 ft. spool	black	29.95	24.95
TWHS-187-25W	01429	.187	.093	.020	25 ft. spool	white	32.35	26.95
TWHS-187-25C	01430	.187	.093	.020	25 ft. spool	clear	32.35	26.95
TWHS-187	01364	.187	.093	.020	1,000 ft. spool	black	810.00	673.00
TWHS-250-6	01365	.250	.125	.025	10 pieces x 6" (blister box)	black	9.60	7.95
TWHS-250-DS	01563	.250	.125	.025	plastic spool – 96"	black	16.75	13.95
TWHS-YELLOW	01392	.250	.125	.025	10 pieces x 6" (blister box)	yellow	9.60	7.95
TWHS-250-48	01366	.250	.125	.025	48" length	black	5.40	4.50
TWHS-250-25B	01431	.250	.125	.025	25 ft. spool	black	31.15	25.95
TWHS-250-25W	01432	.250	.125	.025	25 ft. spool	white	33.55	27.95
TWHS-250-25C	01433	.250	.125	.025	25 ft. spool	clear	33.55	27.95
TWHS-250-25B	01434	.250	.125	.025	250 ft. spool	black	239.00	199.00
TWHS-250	01367	.250	.125	.025	500 ft. spool	black	503.00	417.00



# Heat Shrink

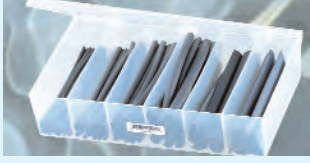
THIN WALL TUBING

## THIN WALL TUBING



CATALOG NO.	NAED NO.	EXPANDED I.D.	RECOVERED I.D.	NOMINAL RECOVERED WALL THICKNESS	PACKAGING	COLOR	NET PRICE EACH	
							1 TO 49	50 OR MORE
TWHS-312-6	01368	.312	.156	.025	10 pieces x 6" (blister box)	black	9.60	7.95
TWHS-312-DS	01564	.312	.156	.025	plastic spool – 96"	black	17.95	14.95
TWHS-312-48	01369	.312	.156	.025	48" length	black	5.90	4.85
TWHS-312	01370	.312	.156	.025	200 ft. spool	black	199.00	165.00
TWHS-375-6	01371	.375	.187	.025	9 pieces x 6" (blister box)	black	9.60	7.95
TWHS-375-DS	01405	.375	.187	.025	plastic spool – 96"	black	19.15	15.95
TWHS-375-48	01372	.375	.187	.025	48" length	black	6.00	5.00
TWHS-375-25B	01437	.375	.187	.025	25 ft. spool	black	35.95	29.95
TWHS-375-25W	01438	.375	.187	.025	25 ft. spool	white	39.55	32.95
TWHS-375-25C	01439	.375	.187	.025	25 ft. spool	clear	39.55	32.95
TWHS-375-200B	01383	.375	.187	.025	200 ft. spool	black	217.00	179.00
TWHS-500-6	01374	.500	.250	.025	8 pieces x 6" (blister box)	black	9.60	7.95
TWHS-500-DS	01566	.500	.250	.025	plastic spool – 96"	black	22.75	18.95
TWHS-500-48	01375	.500	.250	.025	48" length	black	6.75	5.65
TWHS-500-25B	01444	.500	.250	.025	25 ft. spool	black	39.55	32.95
TWHS-500-25W	01445	.500	.250	.025	25 ft. spool	white	43.15	35.95
TWHS-500-25C	01446	.500	.250	.025	25 ft. spool	clear	43.15	35.95
TWHS-500-150B	01447	.500	.250	.025	150 ft. spool	black	189.00	159.00
TWHS-500	01376	.500	.250	.025	200 ft. spool	black	245.00	204.00
TWHS-750-6	01377	.750	.375	.030	6 pieces x 6" (blister box)	black	9.60	7.95
TWHS-750-DS	01567	.750	.375	.030	plastic spool – 96"	black	34.75	28.95
TWHS-750-48	01378	.750	.375	.030	48" length	black	9.75	8.15
TWHS-750-25B	01452	.750	.375	.030	25 ft. spool	black	53.95	44.95
TWHS-750-25W	01453	.750	.375	.030	25 ft. spool	white	57.55	47.95
TWHS-750-25C	01454	.750	.375	.030	25 ft. spool	clear	57.55	47.95
TWHS-750	01379	.750	.375	.030	100 ft. spool	black	173.00	144.00
TWHS-1000-6	01380	1.000	.500	.035	4 pieces x 6" (blister box)	black	9.60	7.95
TWHS-1000-DS	01560	1.000	.500	.035	plastic spool – 96"	black	51.55	42.95
TWHS-1000-48	01381	1.000	.500	.035	48" length	black	14.50	11.95
TWHS-1000-25B	01455	1.000	.500	.035	25 ft. spool	black	67.15	55.95
TWHS-1000-25W	01456	1.000	.500	.035	25 ft. spool	white	75.55	62.95
TWHS-1000-25C	01457	1.000	.500	.035	25 ft. spool	clear	75.55	62.95
TWHS-1000	01382	1.000	.500	.035	100 ft. spool	black	249.00	209.00
TWHS-1500-25B	01458	1.500	.750	.040	25 ft. spool	black	167.00	139.00
TWHS-1500-25W	01459	1.500	.750	.040	25 ft. spool	white	179.00	149.00
TWHS-1500-25C	01460	1.500	.750	.040	25 ft. spool	clear	179.00	149.00
TWHS-2000-25B	01461	2.000	1.000	.045	25 ft. spool	black	215.00	179.00
TWHS-2000-25W	01462	2.000	1.000	.045	25 ft. spool	white	227.00	189.00
TWHS-2000-25C	01463	2.000	1.000	.045	25 ft. spool	clear	227.00	189.00

### THIN WALL HEAT SHRINK KITS



These kits have been carefully constructed to include the most common sizes and types in their category. The cases are made of extremely durable polypropylene and have heat sealed hinges. They provide the ultimate in organization and conven-

ience. Clearly labeled on the inside lid for easy recognition. Convenient size for easy carrying and easy storing.

DESCRIPTION	CATALOG NO.	NAED NO.	KIT CONTAINS		CARTON QTY.	SHPG. WT. LBS. EACH	NET PRICE EACH KIT	
			QTY.	CAT. NO.			1 TO 9 CTN.	10 OR MORE CTN.
Contains the six most common sizes of thin wall heat shrink in 6" lengths. 2:1 shrink ratio. Used for electrical insulation, wire harness bundling, splices and terminations. 600 volt rated.	THK	01171	25	TWHS-125-6	8	2	60.95	49.95
			25	TWHS-187-6				
			20	TWHS-250-6				
			12	TWHS-375-6				
			7	TWHS-500-6				
			5	TWHS-750-6				

### HEAVY WALL HEAT SHRINK KITS (WITH SEALANT)

DESCRIPTION	CATALOG NO.	NAED NO.	KIT CONTAINS		CARTON QTY.	SHPG. WT. LBS. EACH	NET PRICE EACH KIT	
			QTY.	CAT. NO.			1 TO 9 CTN.	10 OR MORE CTN.
Contains the four most common sizes of heavy wall heat shrink in 6" lengths. 3:1 shrink ratio. Interior is coated with an adhesive which ensures a watertight seal after shrinking. Recommended for almost all applications where tough mechanical protection and a watertight seal are required. 600 volt rated.	HHK	01170	8	HWHS-400-6	8	2	67.95	55.95
			4	HWHS-750-6				
			4	HWHS-110-6				
			2	HWHS-150-6				

### HEAVY WALL HEAT SHRINK DISPLAY BAGS

DESCRIPTION	CATALOG NO.	NAED NO.	BAG CONTAINS		CARTON QTY.	NET PRICE EACH	
			QTY.	CAT. NO.		1 TO 4 CTN.	5 OR MORE CTN.
For details regarding heavy wall heat shrink, see page 54	HSB-400	01180	6	HWHS 400-6	10	24.50	20.40
	HSB-750	01181	6	HWHS 750-6	10	26.50	22.10
	HSB-110	01182	6	HWHS 110-9	10	29.70	24.75
	HSB-150	01183	4	HWHS 150-9	10	30.10	25.10
	HSB-200	01184	3	HWHS 200-12	10	35.35	29.45
	HSB-M	01185	1	HWHS 400-6	combo pack	29.45	24.55
			1	HWHS 750-6			
			1	HWHS 100-9			
		1	HWHS 150-9				
		1	HWHS 200-12				

### HEAT-SHRINKABLE END CAPS



Heat-shrinkable end caps provide for efficient and positive cable end sealing. Made of thermally stabilized polyolefin, the interior of the HSC is coated with a meltable sealant to assure a watertight seal, complete insulation, abrasion and corrosion resistance. Seals may be affected over lead, steel, aluminum, copper and all standard plastic and elastomeric insulating materials and conduit. These caps replace

greases, tapes, epoxy, encapsulation, or dips. In most sizes, installation may be accomplished in less than one minute. HSC end sealing caps are qualified to ANSI C119.1-1986 and rated to ICEA electrical withstand test for 1,000 volts. HSC end sealing caps can be used as a live seal for cables carrying up to 1,000 volts. They can also be used as end seals for storing and pulling de-energized cable.

CATALOG NO.	NAED NO.	PRIMARY INSULATION (1,000v)		GENERAL USE RANGE		NET PRICE EACH		
		CONDUCTOR SIZE	USE RANGE (INCHES)		RECOVERED (INCHES)		1 TO 49	50 OR MORE
			MAXIMUM	MINIMUM	MAXIMUM	MINIMUM		
HSC-30	01464	8-12 AWG	.35	.17	.30	.15	8.35	6.95
HSC-70	01465	3/0-6 AWG	.71	.31	.70	.30	9.55	7.95
HSC-125	01466	750 MCM-4/0 AWG	1.25	.65	1.25	.65	10.75	8.95
HSC-195	01467	1500-750 MCM	1.94	1.08	1.95	1.05	13.15	10.95
HSC-265	01468	2000-1500 MCM	2.58	1.38	2.65	1.30	15.55	12.95
HSC-370	01469		3.54	1.94	3.70	1.85	23.95	19.95
HSC-450	01470		4.25	3.02	4.50	2.95	42.95	35.95



### LOW-VOLTAGE BUSBAR HEAT SHRINKABLE TAPE



BHST tape is an adhesive-coated, low-voltage heat shrinkable tape. One wrap insulates straight and bent bars in retrofit applications where tubing cannot be used. In addition, BHST tape easily insulates unusual connections and geometries in the factory or field.

The BHST adhesive layer fuses the tape layers but does not stick to bus or hardware, providing tough insulation up to 1 kV in accordance with ANSI C37.20-1987 and up to 3.6 kV in accordance with IEC specifications. Rated to ANSI/IEEE C37.20-1987. UL Recognized to Standard 224, 600 V-125°C-VW.1.

#### Ordering Information

1. Select the appropriate catalog number. confirm selection with the following recommendations and BHST tape dimensions: BHST-1 is best for shorter lengths. BHST-2 is the most versatile width for general purpose use. BHST-4 is best for long lengths and larger bus sizes.
2. If sealing is needed, order the S-1052-3S sealing strips on page 62.
3. Recommended application is by wrapping the tape around the bus bar using a two-thirds overlap.
4. Bolted connections require two layers of tape.

CATALOG NO.	NAED NO.	DIMENSIONS OF TAPE IMPERIAL (metric)	RECTANGULAR		SQUARE		ROUND		CARTON Q'TY	PRICE PER ROLL	
			BUS WIDTH	LENGTH PER ROLL	EACH SIDE WIDTH	LENGTH PER ROLL	DIAMETER	LENGTH PER ROLL		1-9 ROLLS	10 OR MORE ROLLS
BHST-1	01474	1" (25 mm) 25' (7.5 m)	1.0" (25 mm)	3.8' (1.2 m)			0.5" (12 mm)	8.0' (2.6 m)	8	77.90	64.90
BHST-2	01475	2" (50 mm) 25' (7.5 m)	2.0" (50 mm)	4.8' (1.5 m)	1.0" (25 mm)	6.25' (2.0 m)	1.0" (25 mm)	8.0' (2.6 m)	4	131.95	109.95
			3.0" (75 mm)	3.5' (1.1 m)	2.0" (50 mm)	3.1' (1.0 m)	2.0" (50 mm)	4.0' (1.3 m)			
			4.0" (100 mm)	2.7' (0.8 m)	3.0" (75 mm)	2.0' (0.6 m)	3.0" (75 mm)	2.6' (0.9 m)			
			6.0" (150 mm)	1.9' (0.6 m)							
BHST-4	01476	4" (100 mm) 25' (7.5 m)	8.0" (200 mm)	2.9' (0.9 m)	4.0" (100 mm)	3.1' (1.0 m)	4.0" (100 mm)	4.0' (1.3 m)	2	226.00	189.00
					6.0" (150 mm)	2.0' (0.6 m)					

### LOW-VOLTAGE BUSBAR HEAT SHRINKABLE TUBING



BMWT is a heat-shrinkable medium-wall, flame retardant, low-voltage tubing for insulating straight and bent busbars during original equipment assembly or in retrofit applications where access to one end of the busbar is available.

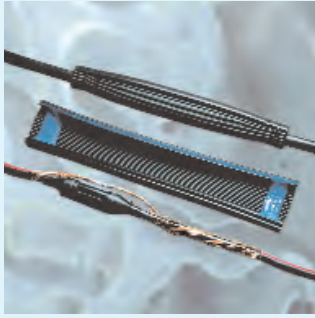
When used according to the selection guidelines, BMWT may be used in applications up to 1 kV in accordance with ANSI/IEEE C37.20 specification. BMWT tubing may be used in applications up to 3.6 kV in accordance with IEC specifications.

Rated to ANSI/IEEE C37.20.1-1987. UL recognized to Standard 224, 600 V-125°C-VW.1.

1. Rectangular bus thickness range is 1/4 to 5/8 inch.
2. Bolted connections require two layers of tubing.
3. Tubing is supplied spooled and may be field cut for required length.
4. If sealing is needed, order S-1052-3S sealant strips (page 62).
5. Spools may contain multiple lengths. Minimum continuous length: 15 feet (4.5 meters).

CATALOG NO.	NAED NO.	DIAMETER IN INCHES (mm) SUPPLIED & FULLY RECOVERED		RECTANGULAR		SQUARE		ROUND		PRICE PER FOOT	
		MAX.	MIN.	BUS WIDTH MAX. MIN.	EACH SIDE MAX. MIN.	DIAMETER MAX. MIN.	PACKAGING	1-3 SPOOLS	4 OR MORE SPOOLS		
BMWT-30	01471	1.18 (30)	0.39 (10)	1.0 (25)	0.5 (12)			1.0 (25)	0.4 (11)	200 foot (60 m) spool	8.95 6.95
BMWT-75	01472	2.95 (75)	0.98 (25)	3.0 (75)	2.0 (50)	1.0 (25)		2.0 (50)	1.0 (25)	100 foot (30 m) spool	10.95 8.75
BMWT-150	01473	5.91 (150)	1.97 (50)	6.0 (150)	4.0 (100)	3.0 (75)	2.0 (50)	4.0 (100)	2.0 (50)	100 foot (30 m) spool	16.95 13.95

### WRAP-AROUND GEL JACKET REPAIR SLEEVES TO 35 kV - COLD-APPLIED



Gel jacket repair sleeves quickly and conveniently seal and protect medium-voltage cable splices up to 35 kV. They can also be used to repair cables with jacket damage and are designed for manhole, direct burial, or weather-exposed applications. Gel jacket repair sleeves can be used over all types and brands of push on and cold applied splices. They utilize gel sealant to provide a water-tight seal.

The wrap-around design reduces installation space because it is not necessary to position a

tube to the side while installing the splice. The result is easier installation in cramped manholes and less digging for direct burial applications.

Select the appropriate catalog number based on the cable diameter and the jacket opening. Cable and splice body must be within specified use range.

Order kits with EG designation if neutrals or ground wires will be exiting the sleeve. Includes a gel strip for sealing neutrals or ground wire exits.

CATALOG NO.	NAED NO.	DIAMETER USE RANGE INCHES (mm)		LENGTH INCHES (mm)	MAXIMUM JACKET OPENING INCHES (mm)	CARTON QUANTITY	NET PRICE EACH	
		MAXIMUM	MINIMUM				1-3 CARTONS	4 OR MORE CARTONS
GRS-550	01477	3.0 (75)	1.0 (25)	22 (550)	16 (400)	3	139.00	119.00
GRS-550-EG	01478	3.0 (75)	1.0 (25)	22 (550)	16 (400)	3	149.00	129.00
GRS-650	01479	3.0 (75)	1.0 (25)	26 (650)	20 (500)	3	159.00	139.00
GRS-650-EG	01480	3.0 (75)	1.0 (25)	26 (650)	20 (500)	3	169.00	149.00
GRS-750	01481	3.0 (75)	1.0 (25)	30 (750)	24 (600)	3	173.00	151.00
GRS-750-EG	01482	3.0 (75)	1.0 (25)	30 (750)	24 (600)	3	183.00	159.00
GRS-900	01483	3.0 (75)	1.0 (25)	36 (900)	30 (750)	3	187.00	163.00
GRS-900-EG	01484	3.0 (75)	1.0 (25)	36 (900)	30 (750)	3	203.00	177.00

### WRAP-AROUND HEAT SHRINK REPAIR SLEEVES TO 35 kV - HEAT-APPLIED



Use to protect cables in mechanically abusive environments, re-jacket premolded splices, repair and re-jacket LC-shielded and moisture impervious cables, and provide strain relief.

Available in five diameters with 5:1 shrink ratios. For use on standard poly- or elastomeric-insulated/jacketed cables, which may include aluminum or steel armoring.

Provides a moisture-vapor transmission (MVT) barrier for repairing and re-jacketing LC-shield

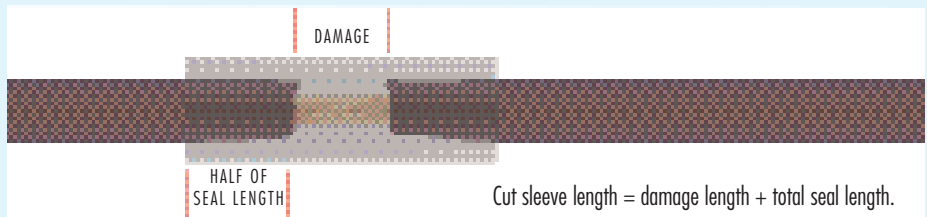
and moisture-impervious cables. WAHSS does not provide electrical insulation.

Select the appropriate catalog number based on the cable use range. Kits contain a wrap-around sleeve, stainless steel channel closure and redundant sealant strips. Sleeve may be field cut for shorter requirements. See 'Reference Dimensions' below. Length tolerance is  $\pm 2\%$ .

CATALOG NO.	NAED NO.	DIAMETER USE RANGE INCHES (mm)		SLEEVE LENGTH INCHES (mm)	CARTON QUANTITY	NET PRICE EACH	
		MAXIMUM	MINIMUM			1-3 CARTONS	4 OR MORE CARTONS
WAHSS-150	01485	1.50 (38)	.35 (9)	48 (1219)	3	113.00	94.00
WAHSS-265	01486	2.65 (67)	.65 (17)	48 (1219)	3	142.00	119.00
WAHSS-430	01487	4.30 (109)	1.30 (33)	48 (1219)	3	179.00	149.00
WAHSS-570	01488	5.70 (145)	1.80 (46)	48 (1219)	3	249.00	209.00
WAHSS-710	01489	7.10 (180)	2.15 (55)	48 (1219)	3	359.00	299.00

### REFERENCE DIMENSIONS

DAMAGE		TOTAL SEAL LENGTH	
INCHES	(mm)	INCHES	(mm)
< 3	(<76)	3	(76)
3-12	(76-305)	4	(102)
12-24	(305-610)	6	(152)
> 24	(>610)	8	(203)



## FLAME RETARDANT REPAIR SLEEVES (2 KV - WITH STAINLESS STEEL CHANNEL)



MRS repair sleeves are wrap-around flexible cable repair sleeves which provide an efficient method of repairing insulation on flexible cables to 2 kV. They also can be used for repairing jacket damage on high-voltage cable where a splice is not required. The specially formulated flame retardant sleeve installs with a low profile, quickly and easily, which means the cable can be returned to service in minutes. They are ideal for use on trailing cable as well as flexible construc-

tion cables and conduits.

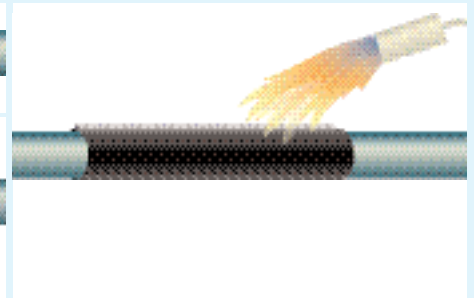
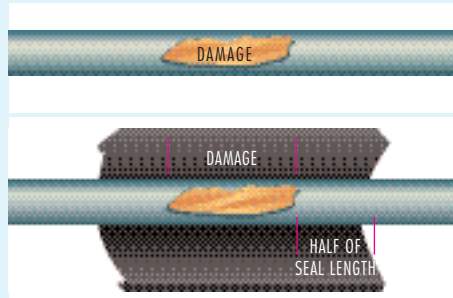
The MRS kit does not contain connectors. It includes a wrap-around sleeve and stainless steel channel closure, which is removed after installation. Both can be field-cut for shorter requirements (see 'Reference Dimensions' below). MRS repair sleeves are precoated with adhesive.

MSHA approved (P-137-MSHA) for re-jacketing flexible and mining cable as primary insulation up to 2 kV.

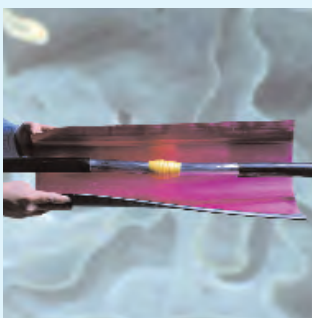
CATALOG NO.	NAED NO.	DIAMETER USE RANGE		SLEEVE LENGTH INCHES (mm)	CARTON QUANTITY	NET PRICE EACH	
		INCHES (mm) MAXIMUM	INCHES (mm) MINIMUM			1 TO 3 CARTONS	4 OR MORE CARTONS
MRS-160-10	01502	1.60 (41)	1.00 (25)	10 (254)	20	27.50	22.95
MRS-160-24	01503	1.60 (41)	1.00 (25)	24 (610)	10	59.75	49.80
MRS-230-24	01504	2.30 (58)	1.60 (41)	24 (610)	10	73.90	61.60
MRS-230-30	01505	2.30 (58)	1.60 (41)	30 (762)	10	90.90	75.75
MRS-350-30	01506	3.50 (89)	2.30 (58)	30 (762)	10	107.00	89.00

## REFERENCE DIMENSIONS

DAMAGE		TOTAL SEAL LENGTH	
INCHES	(mm)	INCHES	(mm)
< 3	(<76)	3	(76)
3-12	(76-305)	4	(102)
12-24	(305-610)	6	(152)
> 24	(>610)	8	(203)



## LEAD SHEATH REPAIR KITS (FOR PILC CABLE)



The LSRK series kit offers a simple method of repairing lead sheath damage on paper-insulated, lead-covered (PILC) cables. The kit combines the strength and durability of WAHSS wrap-around sleeve with an effective oil-resistant sealing mastic. Be sure to look at both the cable jacket diameter and the lead sheath diameter when selecting the LSRK kit.

### Testing information:

The LSRK kits are tested to meet the following load-cycling and pressure test requirements:

- Current cycling at 110°C conductor temperature for 90 cycles (5 hours on, 3 hours off) . . . . . Pass
- Applied pressure . . . . . 15 psi
- Maximum continuous conductor temperature . . . . . 110°C

CATALOG NO.	NAED NO.	DIAMETER USE RANGE		SLEEVE LENGTH INCHES (mm)	CARTON QUANTITY	NET PRICE EACH	
		INCHES (mm) MAXIMUM	INCHES (mm) MINIMUM			1 TO 3 CARTONS	4 OR MORE CARTONS
LSRK-265-24	01507	2.65 (67)	0.65 (17)	24 (600)	3	143.00	119.00
LSRK-265-48	01508	2.65 (67)	0.65 (17)	48 (1200)	3	251.00	209.00
LSRK-570-24	01509	5.70 (144)	1.80 (46)	24 (600)	3	256.00	213.00
LSRK-570-48	01510	5.70 (144)	1.80 (46)	48 (1200)	3	443.00	369.00
LSRK-710-24	01511	7.10 (180)	2.15 (55)	24 (600)	3	356.00	297.00
LSRK-710-48	01512	7.10 (180)	2.15 (55)	48 (1200)	3	623.00	519.00

### CABLE REPAIR SLEEVES (WITH STAINLESS STEEL CHANNEL)



CRS sleeves close easily with a permanent locking system that consists of a raised rail profile and a stainless steel channel. These sleeves are made from crosslinked polyolefin which equals or exceeds the material properties of the original cable jacket. CRS sleeves fit a wide range of cable sizes and have unlimited shelf life. Qualified to ANSI C119.1-1986, rated to ICEA electrical withstand test for 1,000 volts and RUS accepted for use as jacket restoration materials on JCN cable.

For use on standard poly- or elastomeric-insulated/jacketed cables or lead-jacketed cables which may include aluminum or steel armoring. Use as insulation for single conductor low-voltage power cable up to 1,000 volts, for jacket repair up to 35 kV or for general sealing applications. These kits do not contain connectors. They include a wrap-around sleeve and stainless steel channel closure. Both can be field-cut for shorter requirements, see 'Reference Dimensions'.

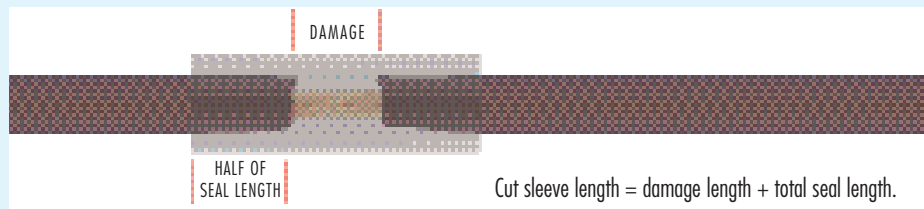
CATALOG NO.	NAED NO.	PRIMARY ELECTRICAL REPAIR 1,000 VOLTS			GENERAL SEALING USE RANGE 0 TO 35 kV			SLEEVE LENGTH INCHES (mm)	CARTON QUANTITY	NET PRICE EACH	
		CABLE AND JACKET REPAIR AWG/MGM	MAXIMUM	MINIMUM	INCHES (mm)	MAXIMUM	MINIMUM			1 TO 3 CARTONS	4 OR MORE CARTONS
CRS-120-8	01490	2/0 - 8	.60" (15 mm)	.25" (6 mm)	1.20 (30)	.25 (6)	8 (200)	6	16.15	13.45	
CRS-120-48	01491	2/0 - 8	.60" (15 mm)	.25" (6 mm)	1.20 (30)	.25 (6)	48 (1219)	5	88.70	73.90	
CRS-180-8	01492	400 - 3/0	.95" (24 mm)	.60" (15 mm)	1.80 (46)	.60 (15)	8 (200)	6	19.50	16.25	
CRS-180-48	01493	400 - 3/0	.95" (24 mm)	.60" (15 mm)	1.80 (46)	.60 (15)	48 (1219)	5	107.50	89.60	
CRS-270-48	01494	1000 - 500	1.40" (36 mm)	.95" (24 mm)	2.70 (69)	.95 (24)	48 (1219)	5	115.75	96.45	
CRS-360-48	01495	2000 - 1000	2.00" (51 mm)	1.30" (33 mm)	3.60 (91)	1.30 (33)	48 (1219)	5	143.00	119.00	
CRS-495-48	01496				4.95 (126)	1.65 (42)	48 (1219)	5	202.00	169.00	
CRS-650-48	01497				6.50 (165)	2.50 (64)	48 (1219)	5	287.00	239.00	

Use the 'Primary Electrical Repair' columns above for electrical repair applications (when CRS is in direct contact with the conductor).

Use the 'General Sealing Use' column for general rejacketing or sealing applications (when CRS is not in direct contact with the conductor).

### REFERENCE DIMENSIONS

DAMAGE		TOTAL SEAL LENGTH	
INCHES	(mm)	INCHES	(mm)
< 3	(<76)	3	(76)
3-12	(76-305)	4	(102)
12-24	(305-610)	6	(152)
> 24	(>610)	8	(203)



### COLD-APPLIED REPAIR STRIPS (FOR FLEXIBLE MINING CABLE)



CRPS is a high quality replacement jacket for low- and high-voltage flexible mining and other flexible cables. It is a tool-free, flexible, flame retardant elastomeric strip that has been specially formulated to provide excellent resistance to abrasion, tearing and cutting. The CRPS is pre-coated with a thermoplastic sealant that provides an excellent seal against moisture and corrosive elements.

MSHA approved (P-137-13MSHA). Select the

appropriate catalog number based on cable diameter and length of cable damage to be covered. For larger damaged areas, multiple strips may be used to provide continuous coverage.

To install, half-lap CRPS on cable, beginning 3 inches before damage and continuing 3 inches after damage.

CATALOG NO.	NAED NO.	STRIP		APPROXIMATE COVERAGE LENGTH									CARTON Q'TY	NET PRICE EACH	
		LENGTH INCHES	WIDTH (mm)	CABLE DIAMETER IN INCHES (mm)										1 TO 3 CARTONS	4 OR MORE CARTONS
CRPS-248	01498	48 (1219)	2 (51)	28 (711)	18 (457)	14 (356)	11 (279)	9 (229)	7 (178)			20	30.95	25.85	
CRPS-260	01499	60 (1524)	2 (51)	36 (914)	23 (584)	17 (432)	14 (355)	11 (279)	9 (228)	8 (203)		20	37.95	31.95	
CRPS-290	01500	90 (2286)	2 (51)	55 (1397)	37 (940)	26 (660)	21 (533)	18 (457)	15 (381)	14 (356)	10 (254)	9 (229)	15	45.50	37.90
CRPS-2120	01501	120 (3048)	2 (51)	73 (1854)	49 (1245)	35 (889)	28 (711)	24 (610)	20 (508)	19 (483)	13 (330)	12 (305)	10	59.90	49.95



### CABLE BREAKOUTS



CBB products seal breakouts in multiconductor cables and conduit. These seals are made of tough, crosslinked polyolefin to provide mechanical protection and strain relief.

CBB seals have an adhesive coating on the body and the legs to form a durable watertight seal and conform tightly to conduits and cable jackets.

For use on standard poly- or elastomeric-insulated/jacketed multiconductor cables or

cables in metal or plastic conduits.

Catalog items listed with \* below will accommodate CBB-PLUG, used to seal unused legs of breakouts.

CATALOG NO.	NAED NO.	BODY USE RANGE		LEGS USE RANGE		CROSS SECTION	CARTON QUANTITY	NET PRICE EACH		
		INCHES (mm)	INCHES (mm)	INCHES (mm)	INCHES (mm)			1 TO 3 CARTONS	4 OR MORE CARTONS	
CBB-2-1-A	01513	1.00 (25)	.35 (9)	.55 (14)	.15 (4)		3	28.75	23.95	
CBB-2-2-A*	01514	1.70 (43)	1.25 (32)	.75 (19)	.30 (8)		3	31.10	25.90	
CBB-2-3-A	01515	3.00 (76)	1.65 (42)	1.40 (36)	.65 (17)		3	39.40	32.85	
CBB-3-1-A	01516	1.35 (34)	.50 (13)	.55 (14)	.20 (5)		3	44.35	36.95	
CBB-3-2-A*	01517	2.20 (56)	.85 (22)	.90 (23)	.35 (9)		3	63.10	52.60	
CBB-3-3-A*	01518	2.90 (74)	1.10 (28)	1.25 (32)	.50 (13)		3	71.80	59.85	
CBB-3-4-A	01519	5.65 (144)	2.35 (60)	2.10 (53)	1.20 (30)		3	114.65	95.55	
CBB-4-1-A	01520	1.25 (32)	.70 (18)	.45 (11)	.15 (4)		3	41.80	34.85	
CBB-4-2-A*	01521	2.10 (53)	1.00 (25)	.90 (23)	.35 (9)		3	73.50	61.25	
CBB-4-3-A*	01522	3.50 (89)	1.20 (30)	1.40 (36)	.55 (14)		3	94.80	79.00	
CBB-4-4-A	01523	6.05 (154)	2.35 (60)	1.50 (38)	.90 (23)		3	119.00	99.00	
CBB-6-1-A*	01524	3.85 (98)	1.45 (37)	1.50 (38)	.60 (15) phase *.75 (19) .30 (8) ground		3	143.00	119.00	
CBB-6-2-A*	01525	5.30 (135)	2.65 (67)	2.20 (56)	.90 (23) phase *.95 (24) .40 (10) ground		3	167.00	139.00	
CBB-PLUG**	01526	for use with catalog items above with asterisk.						6	16.50	13.75

### CABINET WALL SEALS



CWS cabinet wall seals are heat shrinkable molded parts for moisture-sealing applications where cable enters enclosures such as cabinets or connection boxes. They are suitable for environments that have existing periodic pressure difference and/or temperature differential.

All molded parts are precoated with a thermoplastic adhesive that seals around the entering cable. The O-ring creates the water/air seal at the cabinet entry. They utilize a rigid plastic that,

when inserted through the cabinet wall, protects the entering cable from abrasion or cut-through.

CWS cabinet feed-through seals are a three-part assembly: rigid plastic nut, elastomeric O-ring and a heat-shrinkable molded part.

Use CWS cabinet feed-through seals with a maximum cabinet wall thickness of 0.2" (5 mm). Select the appropriate catalog number based on cable diameter.

CATALOG NO.	NAED NO.	CABLE DIAMETER		LENGTH OF MOLDED PART	KNOCKOUT HOLE SIZE	CARTON QUANTITY	NET PRICE EACH	
		INCHES (mm)	INCHES (mm)				INCHES (mm)	INCHES (mm)
CWS-1	01527	.40 (10)	.20 (5)	2.75 (70)	1.00 (25)	5	34.75	28.95
CWS-2	01528	.65 (17)	.25 (6)	2.75 (70)	1.00 (25)	5	35.95	29.95
CWS-3	01529	1.00 (25)	.55 (14)	3.75 (95)	1.37 (35)	5	43.15	35.95
CWS-4	01530	1.45 (37)	.80 (20)	4.50 (114)	2.00 (51)	5	55.20	45.95
CWS-5	01531	2.40 (61)	1.45 (37)	7.00 (178)	3.50 (89)	5	83.95	69.95

### CABLE PREPARATION KIT



The CPK-1 cable preparation kit can be used with all NSi cable accessories. Use the CPK-1 kit to clean and abrade cable insulation. Each kit contains six solvent wipes, six dry wipes and three strips of abrasive paper.

CATALOG NO.	NAED NO.	DESCRIPTION	CARTON QUANTITY	NET PRICE EACH	
				1 TO 3 CARTONS	4 OR MORE
CPK-1	01542	cable preparation kit	12 per box	17.35	14.45

### ALUMINUM HEAT SHIELD FOIL

An adhesive-backed aluminum tape used as a heat shield when installing HMSS sealant sleeves. It can also be used for other

applications where it is desired to protect cables or surfaces from excessive heat during installation of heat shrinkable products.

CATALOG NO.	NAED NO.	DIMENSIONS IN INCHES		THICKNESS	STANDARD PACKAGE	NET PRICE EACH	
		LENGTH	WIDTH			1 TO 3 CARTONS	4 OR MORE
AT-353	01539	3	5	.003"	200 per box	0.90	0.75

### HOT-MELT SEALANT SLEEVES

Split sealant tubes used to provide a cable block in multi conductor cables. Use a minimum of one sleeve for every two cable

conductors. Install HWHS or CRS product over HMSS sealant sleeves to melt sealant sleeves and provide cable block.

CATALOG NO.	NAED NO.	DIMENSIONS		NUMBER OF SLEEVES PER CONDUCTOR	CARTON QUANTITY	NET PRICE EACH	
		LENGTH	INSIDE DIA.			1 TO 3 CARTONS	4 OR MORE
HMSS-4-40	01540	1.75	.160	20-24 AWG: use 1 sleeve/2 conductors 12-14 AWG: use 1 sleeve/conductor	100 per box	3.55	2.95
HMSS-6-40	01541	1.75	.236	16-18 AWG: use 1 sleeve/2 conductors 8-10 AWG: use 1 sleeve/conductor	100 per box	4.05	3.35

### ADHESIVES



These adhesives are to be used for sealing the ends of uncoated tubing or for low-voltage applications requiring void-filling. The hot melt sealants flow when heated, set when cooled, to provide a superior watertight seal\* (see below).







Use sealants with uncoated tubing and molded parts for sealing applications or as an adhesion enhancement for specific applications.








Select appropriate catalog number based on the application. Sealants are supplied in bulk form with protective release paper on both sides.



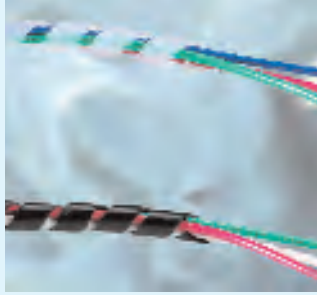
CATALOG NO.	NAED NO.	DIMENSIONS IN INCHES		COLOR	DESCRIPTION	USE WITH THESE NSI PRODUCTS	STANDARD PACKAGE	NET PRICE EACH	
		LENGTH	WIDTH					1 TO 3	4 OR MORE
S-1052-1.5R	01532	1.5	120 x .12	black	} general purpose, low-voltage sealant	} HWHS-A/U (uncoated), MWHS-A/U (uncoated), BHST, BMWT	5 rolls per box	26.35	21.95
S-1052-3S	01533	3 x 6	x .04	black			50 strips per box	1.60	1.35
S-1171-2S	01534	2 x 12	x .10	black	} low-voltage mining sealant	MHSK	100 strips per box	2.45	2.05
S-1174-S.5	01535	.5	x 12 x .09	black	} high temperature low-voltage sealant	MSK	25 strips per box	2.40	2.00
S-1174-1S	01536	1	x 18 x .19	black			15 strips per box	5.55	4.65
GEL PAD - 2x8	01538	2	x 8 x .10	grey	sealant strip	gel jacket repair sleeves and wrap-around splice kits	6 rolls per box	6.35	5.25

\* The cold applied sealants bond to surfaces, when put under pressure, to create a water tight seal.

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE EACH
	PPT-1	Light, portable propane torch for installing low-voltage products and smaller conductor-sized, high-voltage (up to 15 kV) accessories. Includes hose, handle assembly and regulator for disposable propane cylinder. Operates from disposable 14.1 oz. propane cylinder. Output: approximately 20,000 BTU/hour.	\$179.00
	PPT-KIT-1	Seiver-Matic S auto ignite, auto shut-off torch system – 90,000 BTU/hour. Recommended for large heat shrink applications and can be used with all products. Includes handle, 30 foot hose, adjustable regulator and large burner PPT-BURN-3. Supplied in a canvas carrying bag.	\$495.00
	PPT-KIT-2	Includes 10 foot hose, PPT-REG-2 adjustable regulator and PPT-BF torch handle and tip. 30,000 BTU/hour. <i>Similar to PPT-KIT-1</i>	\$295.00
	PPT-KIT-3	Primus-Sievert torch kit – 40,000 BTU/hour, for use with disposable propane bottles. Includes 4 foot hose, PPT-H, PPT-BURN-1 and PPT-ADAPTER.	\$325.00
	PPT-H	Seiver-Matic S auto ignite, auto shut-off torch handle. Ergonomic design ensures comfortable operation. Adjustable output. Piezo ignition.	\$165.00
	PPT-REG-1	Regulator works with torch handle PPT-H above. Adjustable from 14 to 57psi. Fitting POL, UNF 9/16 inch LH.	\$82.00

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE EACH
	PPT-BURN-1	Works with torch handle PPT-H. Recommended especially for low-voltage and general purpose products. Tip diameter: 1.0 inch. 20,000 BTU/hour.	\$109.00
	PPT-BURN-2	Works with torch handle PPT-H. Recommended especially for low-voltage products and high-voltage terminations and splices. Tip diameter: 1.5 inches. 40,000 BTU/hour.	\$119.00
	PPT-BURN-3	Works with torch handle PPT-H. Recommended especially for large jobs and windy conditions. Tip diameter: 2.0 inches. 90,000 BTU/hour.	\$133.00
	PPT-BF	BullFinch torch assembly is an auto-ignite, heavy duty torch with comfort grip. Good for use with all products. 30,000 BTU/hour.	\$146.00
<b>ELECTRODE</b>			
	PPT-E	Replacement auto-ignite electrode for PPT-BF torch.	\$9.95
	PPT-REG-2	Propane tank regulator with gauge (0 to 30 psi). Can also be used with Primus-Sievert or BullFinch products.	\$113.00
	PPT-ADAPTER	Adapts Seiver-Matic S PPT-KIT-1 or PPT-KIT-2 for use with disposable 14.1 oz. propane cylinders. Includes a 4 foot hose and regulator preset at 28 psi.	\$57.00

## SPIRAL WRAP CABLE HARNESSSES



Permits flexible routing of cable harnesses while forming a neat, protective bundle. It twists on easily and allows lead-outs at any point. All sizes supplied in 100 ft. coils.

Available in three materials:  
**POLYETHYLENE:** For general indoor use with good resistance to ordinary solvents and abrasion.

**UV POLYETHYLENE:** Ultraviolet resistance for general outdoor use with good resistance to ordinary solvents and abrasion.

**NYLON:** For use in wider temperature ranges with high resistance to abrasion and good solvent resistance.

### POLYETHYLENE

CATALOG NO.	NAED NO.	MATERIAL	O.D.	I.D.	BUNDLE RANGE	NET PRICE PER ROLL	
						1 TO 4	5 OR MORE
SRPE-125	09600	polyethylene (natural)	.118	.059	.059 - .709	14.60	12.15
SRPE-187	09601	polyethylene (natural)	.187	.118	.118 - 1.37	22.10	18.45
SRPE-250	09602	polyethylene (natural)	.236	.157	.157 - 1.97	26.40	22.10
SRPE-375	09603	polyethylene (natural)	.393	.295	.295 - 2.36	34.35	28.65
SRPE-500	09604	polyethylene (natural)	.472	.354	.354 - 2.56	36.10	30.05
SRPE-625	09605	polyethylene (natural)	.590	.472	.472 - 2.76	53.40	44.45
SRPE-750	09606	polyethylene (natural)	.748	.590	.590 - 3.94	70.40	58.70
SRPE-1000	09607	polyethylene (natural)	.945	.787	.787 - 5.11	106.45	88.75

### UV POLYETHYLENE

CATALOG NO.	NAED NO.	MATERIAL	O.D.	I.D.	BUNDLE RANGE	NET PRICE PER ROLL	
						1 TO 4	5 OR MORE
SRPE-1250	09608	UV polyethylene (black)	.118	.059	.059 - .709	20.65	17.25
SRPE-1870	09609	UV polyethylene (black)	.187	.118	.118 - 1.37	27.35	22.90
SRPE-2500	09610	UV polyethylene (black)	.236	.157	.157 - 1.97	30.45	25.40
SRPE-3750	09611	UV polyethylene (black)	.393	.295	.295 - 2.36	39.30	33.00
SRPE-5000	09612	UV polyethylene (black)	.472	.354	.354 - 2.56	41.55	34.60
SRPE-6250	09613	UV polyethylene (black)	.590	.472	.472 - 2.76	58.25	48.50
SRPE-7500	09614	UV polyethylene (black)	.748	.590	.590 - 3.94	74.75	62.35
SRPE-10000	09615	UV polyethylene (black)	.945	.787	.787 - 5.11	110.65	92.80

### NYLON

CATALOG NO.	NAED NO.	MATERIAL	O.D.	I.D.	BUNDLE RANGE	NET PRICE PER ROLL	
						1 TO 4	5 OR MORE
SRNY-250	09616	nylon (natural)	.250	.187	.187 - 2.00	55.20	45.95
SRNY-375	09617	nylon (natural)	.375	.312	.312 - 3.00	114.70	95.45
SRNY-500	09618	nylon (natural)	.500	.375	.375 - 4.00	156.20	130.70



### SLYDER™ CABLE LUBRICANT – STANDARD GRADE



#### BAG LUBRICANT QUANTITY FORMULA:

$$N = 0.003 \times Q \times L \times D^*$$

#### Where:

**N** = number of bags required

**Q** = one half-gallon bag **OR** two one-quart bags

**L** = length of pull in feet

**D** = nominal internal dimension of conduit in inches

Slider is a superior gel lubricant that reduces surface tension on cable to the lowest level. Its excellent adherence to cable ensures maximum performance and easier pulls. It maintains its lubricity even after drying and has excellent re-wetting characteristics. Slider is non-toxic and

non-flame propagating and can be used as part of a fire retardant installation. It does not contain any aromatic or petroleum derivative.

- Exceptional lubricity.
- Adheres better so it performs better.
- Superior performance at elbows, multiple turn pulls, tight fitting pulls and higher temperature applications.
- Retains higher lubricity when dry on the cable, making removal or repairs much easier.
- Recovers more than 95% of its original lubricity after re-wetting – even after it has been dry for extended periods.

- Compatible with all types of cable jackets. Will not cause cracking or discoloration of the cable.
- Does not support flame – either as a gel or a dried lubricant.
- Safe. Slider is non-toxic to humans. It is composed of ingredients that are individually listed as non-hazardous at the concentration used.
- Easy to clean up. Easily removed from equipment or personnel with only water.

\*The quantity appropriate for a difficult pull may be up to +50% above this equation depending on conduit fill, conduit type and condition, number of bends and pulling environment.

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
SWL-1Q	16272	1 quart squeeze bottle	2.5	12	7.95	6.95
SWL-1QB	16270	1 quart conduit pre-lube <b>BAG</b>	2.3	12	5.75	4.95
SWL-2QB	16271	1/2 gallon conduit pre-lube <b>BAG</b>	4.5	12	7.45	6.45
SWL-1G	16273	1 gallon pail	9	4	15.25	13.25
SWL-5G	16274	5 gallon pail	44	1	57.95	49.75
SWL-55G	16378	55 gallon drum	479	1	549.00	479.00

### SLYDER™ CABLE LUBRICANT – POURABLE GRADE

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
SWL-1G-P	16498	1 gallon pail-pourable	9	4	15.25	13.25
SWL-5G-P	16499	5 gallon pail-pourable	44	1	57.95	49.75

### SLYDER™ CABLE LUBRICANT – WINTER GRADE

Winter Grade Slider™ Cable Lubricant is designed for all applications and all-weather use; no need to stock several different products depending on the job and/or the weather. Slider Winter Grade (cream colored) is manufactured to perform as a winter grade product and can be used at temperatures as low as

-22°F. Meets IEEE-1210-1996 and ASTM D 1963 stress cracking standards. It is stable, does not separate after 48 hours exposure to 110°F or after seven x 24 hour freeze/thaw cycles.

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
SWL-1Q-WG	16630	1 quart squeeze bottle	2.5	12	10.30	8.95
SWL-1QB-WG	16631	1 quart conduit pre-lube <b>BAG</b>	2.3	12	8.60	7.45
SWL-2QB-WG	16632	1/2 gallon conduit pre-lube <b>BAG</b>	4.5	12	10.30	8.95
SWL-1G-WG	16633	1 gallon pail	9	4	24.10	20.95
SWL-5G-WG	16634	5 gallon pail	44	1	79.25	68.90
SWL-55G-WG	16635	55 gallon drum	480	1	789.00	689.00



# Lubricants, Cleaners & Degreasers

WIRE AND CABLE LUBE/LOOSENER/CLEANER & DEGREASER/LEVER ACTION PUMP

## WAX BASED LUBE

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
WWL-1Q	16387	1 quart wax based cable lubricant	2.5	12	7.20	6.25
WWL-1G	16383	1 gallon wax based cable lubricant	9	4	14.90	12.95
WWL-5G	16395	5 gallon wax based cable lubricant	44	1	52.95	44.95

## CABLE LOOSENER

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
SCL-1G	16382	1 gallon cable loosener	9	4	45.00	39.00
SCL-5G	16394	5 gallon cable loosener	44	1	229.00	199.00
SCL-55G	16391	55 gallon cable loosener	475	1	1895.00	1695.00

## CABLE CLEANER

CATALOG NO.	NAED NO.	DESCRIPTION	NET WT. EACH (LBS.)	STD. CARTON	NET PRICE EACH	
					1 TO 4 CTN.	5 OR MORE CTN.
SCC-1Q	16386	1 quart cable cleaner & degreaser	2.5	12	18.30	15.90
SCC-1G	16381	1 gallon cable cleaner & degreaser	9	4	40.20	34.95
SCC-5G	16393	5 gallon cable cleaner & degreaser	44	1	189.00	169.00
SCC-55G	16390	55 gallon cable cleaner & degreaser	44	1	1795.00	1595.00

## HIGH VISCOSITY LEVER ACTION PUMP

CATALOG NO.	NAED NO.	DESCRIPTION	NET PRICE EACH
LP-1	13253	Delivers 32 ounces per stroke. Comes with a telescoping intake tube, 2" bung adapter, delrin piston, die cast pump body, neoprene and ethylene propylene seals, high angle discharge spout with screen and a normal curved discharge spout. Can be used for pumping paraffin, motor oil, gear oil, cutting oils, and many other viscous lubricants. Teel brand.	159.00



# Alphanumeric

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## Terms of Sale

Vendor Number: 662381

1. Prices are F.O.B. our plant.
2. Prices do not include any sales tax.
3. Freight charges will be prepaid on all orders \$250.00 and over shipping within continental USA using standard shipping methods and service.
4. Minimum order – \$100.00.
5. Claims for shortage, erroneous charges or price corrections shall be deemed waived unless made in writing, delivered to NSi within 30 days of invoice.
6. Terms of payment – 2% 10<sup>th</sup> prox. net 25<sup>th</sup> following.
7. Warranties – NSi guarantees all products to be free of defects in material and workmanship for a period of 90 days from date of sale. Any claims for defective material must be agreed to in writing by NSi. Defective material

will be replaced on an F.O.B. – our factory basis. NSi disclaims the implied warranty of fitness for a particular application.

## Other Products Available

NSi can provide many other products for special applications which are not listed in this catalog. If you require an item which you do not find listed, please contact us. We would be pleased to provide a quotation upon receipt of a drawing or a sample.

## Guarantee

It is our goal to provide extraordinary products and service on a daily basis. If our products or service do not meet with your satisfaction, please let us know immediately and we promise to make every reasonable effort to remedy the situation.

## YOUR REPRESENTATIVE:

