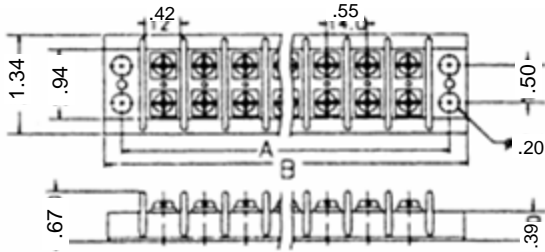


## Terminal Strips



Measurement = inches

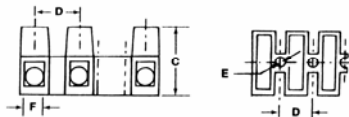
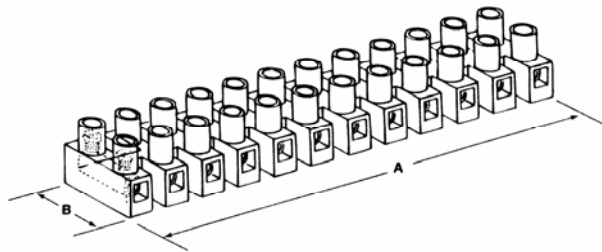
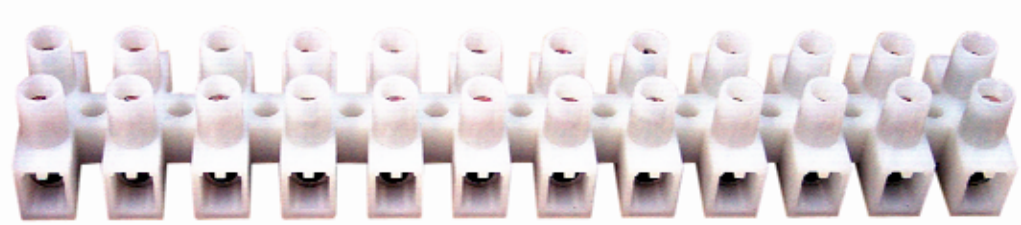
- Terminal Strips are popular to eliminate splicing
- High density circuitry can be attained to conserve space
- Rated: 30A UL 300VAC CSA 600VAC
- .562" Center Spacing
- Insulation Withstands Voltage: AC 2000V/min
- Insulation Resistance: 1000M or More at DC500V
- Using Temperature Range: -40°F to 248°F (-40°C to 120°C)
- Screw Torque Value: 18 Kg-cm
- Wire Range Awg: 12-18 Str
- Insulator Body: Plastic Nylon 66 (UL 94V-0)
- Brass Tin Plated Terminals 0.8t
- Terminal Screws: M4 Nickel plated Brass

Cat No.	Poles	A	B	Pkg Qty	Each Strip
<b>Header Card - 2 Pack</b>					
22122	2	1.65"	2.05"	2	
22123	3	2.20"	2.60"	2	
22124	4	2.76"	3.15"	2	
22126	6	3.86"	4.25"	2	
22128	8	4.96"	5.35"	2	
22130	10	6.06"	6.46"	2	
22132	12	7.17"	7.56"	2	
<b>Bag - 10 Pack</b>					
22022	2	1.65"	2.05"	10	
22023	3	2.20"	2.60"	10	
22024	4	2.76"	3.15"	10	
22026	6	3.86"	4.25"	10	
22028	8	4.96"	5.35"	10	
22030	10	6.06"	6.46"	10	
22032	12	7.17"	7.56"	10	



# WIRE MANAGEMENT

## Terminal Blocks



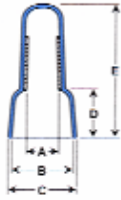
- Touchproof Recessed screws and tubular contacts provide added safety and helps prevent short circuits
- Tubular contacts connect stripped, un-terminated solid or stranded wire directly to each contact
- Integrated stainless steel spring wire protectors prevent twisting and breakage of stranded wire during connection
- Modular 12-circuit design can be cut into smaller sections, or stacked end-to-end
- Dead front design to prevent shorts
- Rugged nylon 66 housing, UL 94V2
- Operating temperature rated at 230°F(110°C)
- Brass metal alloy, nickel plated terminal insert
- Zinc plated, yellow chromed screws
- Can be used for AC & DC

Measurement = inches

Cat No.	Amp	Volts	Wire Range	A	B	C	D	E	F	Bag Qty	Each Block
<b>Header Card - 2 Pack</b>											
22152	20	300	22-12	3.79	.669	.570	.315	.114	.110	2	
22154	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	2	
22156	35	300	22-10	5.54	.937	.748	.472	.154	.154	2	
22158	50	300	20-8	6.22	1.008	.992	.531	.173	.189	2	
<b>Bag - 10 Pack</b>											
22052	20	300	22-12	3.79	.669	.570	.315	.114	.110	10	
22054	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	10	
22056	35	300	22-10	5.54	.937	.748	.472	.154	.154	10	
22058	50	300	20-8	6.22	1.008	.992	.531	.173	.189	10	

# WIRE MANAGEMENT

## Pre-Insulated Crimp Connectors



- Nylon insulated copper tube sleeve 221°F (105°C) rated
- Use in light fixtures, appliances and other electrical OEM applications, holds wires firmly even amidst vibration
- Compact design fits easily into tight locations
- Flared skirt protects against turned back strands
- Beveled opening eases wire entry
- Simply twist conductors together and crimp
- Rugged, yet resilient insulator

Cat No.	Wire Range	A	B	C	D	E	Bag Qty	Master Bag Qty	Per 100
<b>Hanging Bag 25 Pack</b>									
22100	No.22 Thru 18 Awg	.102	.244	.307	.244	.709	25	100	
22102	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	25	100	
22104	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	25	100	
22106	No.16 Thru 10 Awg	.209	.488	.575	.472	1.091	25	100	
<b>Bagged 100 Pack</b>									
22000	No.22 Thru 18 Awg	.102	.244	.307	.244	.709	100	1000	
22002	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	100	1000	
22004	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	100	1000	
22006	No.16 Thru 10 Awg	.209	.488	.575	.472	1.091	100	1000	
<b>High Temperature 150°F Bagged 100 Pack</b>									
22007	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	25	100	
22008	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	25	100	

## Insulation Displacement Connectors (IDC) Telecommunications Splicing



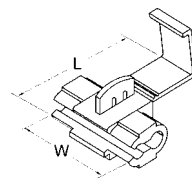
10752 UB 2 port    10754 UR 3 port    10756 UY 2 port

- **UB** permits tapping into existing conductors without service interruption
- **UR** cut into service lines in ready-access cases for pedestal mounts & pigtail joints on cable splices or tapping into load coils such as toll cable splicing
- **UY** designed for straight splicing

- IDC connectors create fast splice and tap on solid copper wires
- Corrosion resistant gel sealant to protect connection
- Designed for low voltage telecommunication cables
- Quick, easy one-step splicing
- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire

Cat No.	Description	Color	Wire Range	Insulation	W	L	H	Bag Qty	Master Bag Qty	Per 100
10752	2-Port tap Splice IDC	Blue	22-26	.050"	.379"	.326"	.24"	25	100	
10754	3-Port Butt Splice IDC	Red	19-26	.066"	.475"	.762"	.23"	25	100	
10756	2-Port Butt Splice IDC	Yellow	22-26	.060"	.340"	.475"	.23"	25	100	

## Quick Splice Connectors



- Pre-insulated tap connector splices into wire
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the metal insert with a plier and snap the cover into place

**MAXIMUM ELECTRIC CURRENT:**  
 22-18 AWG: 10 AMPERE  
 18-14 AWG: 15 AMPERE  
 12-10 AWG: 24 AMPERE  
**MAXIMUM ELECTRIC RATING:**  
 600 VOLTS MAX. 302°F (150°C)  
**INSULATION MATERIAL:** P.P.  
**TERMINAL MATERIAL:** BRASS

Cat No.	Color	Wire Range	W	L	Bag Qty	Master Bag Qty	Per 100
10772	Red	22-18	.787"	1.063"	25	100	
10774	Blue	18-14	.787"	1.063"	25	100	
10776	Yellow	12-10	.807"	1.358"	25	100	



# WIRE MANAGEMENT

## Wire & Wing Connectors Packaging



Bag 25 Pack



Boxed 100 Pack



Bulk 500 Pack



Small Jar



Large Jar

## Combo Handy Pack Wire & Wing Connectors



4 Different sizes of connectors in a Handy Pack



Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
40 Connectors	23076	Red Wire Connector
40 Connectors	23085	Tan Twisted Wing Connector

Cat No.	Handy Packs Per Case	Per Handy Pack
23512	16	

Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
50 Connectors	23084	Yellow Twisted Wing Connector
40 Connectors	23085	Tan Twisted Wing Connector
30 Connectors	23086	Red Twisted Wing Connector

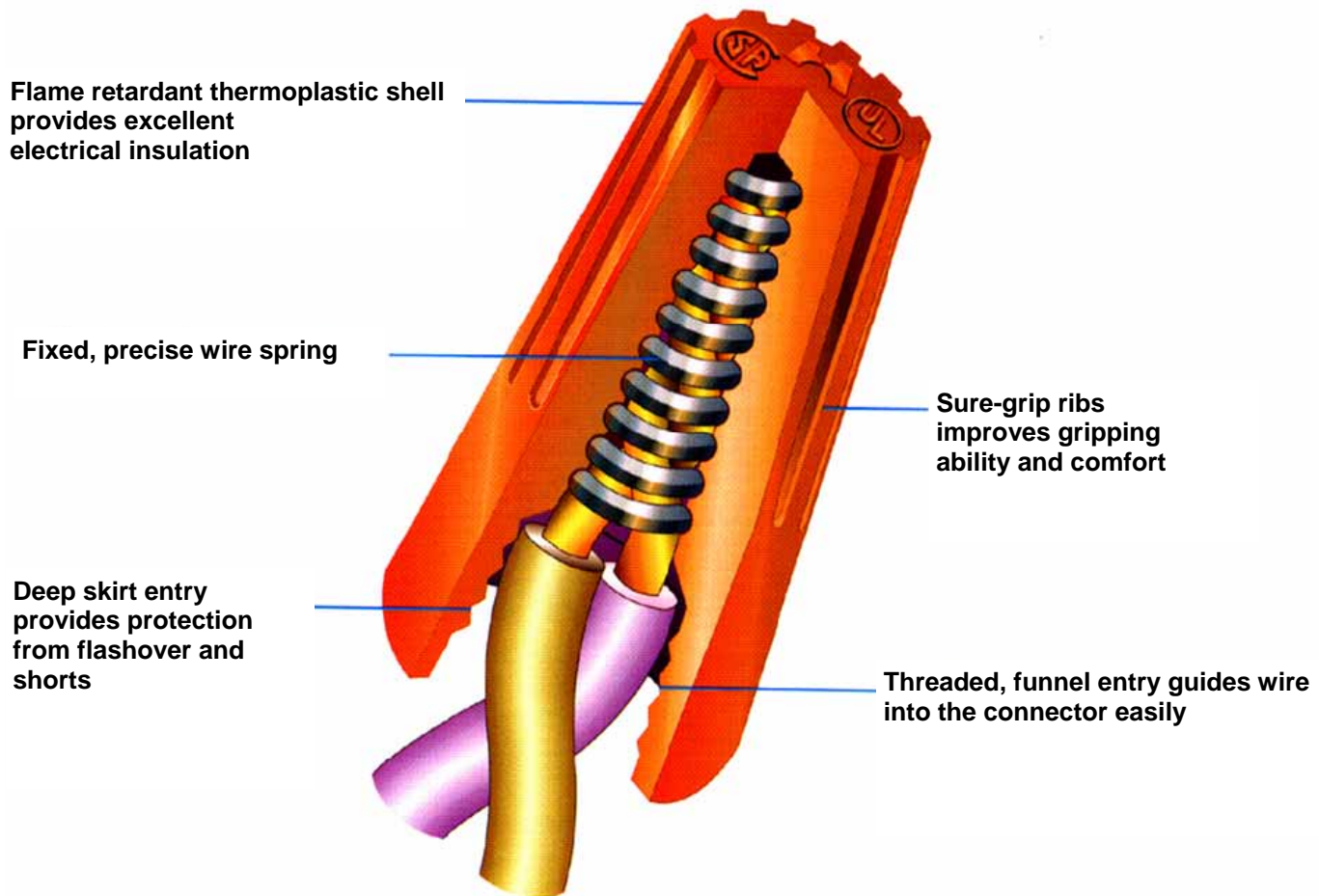
Cat No.	Handy Packs Per Case	Per Handy Pack
23514	16	

Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
60 Connectors	23054	Yellow Easy Cap Wire Connector
40 Connectors	23056	Red Easy Cap Wire Connector

Cat No.	Handy Packs Per Case	Per Handy Pack
23516	16	

## Screw-On Wire Connectors



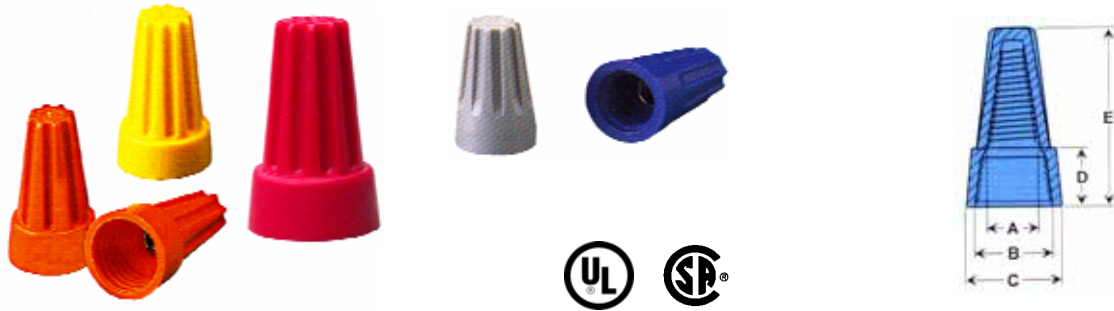
- Six color-coded models cover a full range of wire sizes from 22 through 8 Awg
- Ribbed-Cap provides a more secure grip and faster fingertip starts even when hands become slippery
- Temperature rated at 221<sup>o</sup>F (105<sup>o</sup>C) maximum
- No pre-twisting of conductors is required – spring creates its own thread
- Reusable connector threads on or off splice for fast and easy circuit changes and additions
- Tough, UL 94V-2 Flame retardant shell will not crack or break, even when applied to maximum wire combinations under extreme pressure





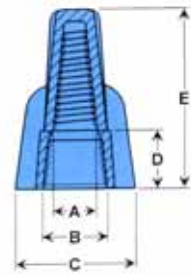
# WIRE MANAGEMENT

## Screw-On Wire Connectors



No.	Type	Color	Wire Combinations	Max Volts	A	B	C	D	E	Qty	Case Qty	Per 100
<b>Hanging Bag 25 Pack</b>												
23271	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	25	1250	
23272	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	25	1250	
23273	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	25	1250	
23274	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	25	1250	
23276	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	25	1250	
<b>Boxed 100 Pack</b>												
23071	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	100	10,000	
23072	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	100	10,000	
23073	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	100	10,000	
23074	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	100	6,000	
23076	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	100	3600	
<b>Bagged Bulk Pack</b>												
23171	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	1000	20,000	
23172	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	1000	10,000	
23173	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	500	10,000	
23174	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	500	5,000	
23176	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	500	5,000	
<b>Small Jar</b>												<b>Per Jar</b>
23373	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	350	11,200	
23374	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	250	8,000	
23376	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	150	4,800	
<b>Large Jar</b>												<b>Per Jar</b>
23473	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	900	10,800	
23474	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	600	7,200	
23476	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	400	4,800	
<b>Handy Pack</b>												<b>Per Pack</b>
23573	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	350	5600	
23574	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	250	4000	
23576	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	180	2880	

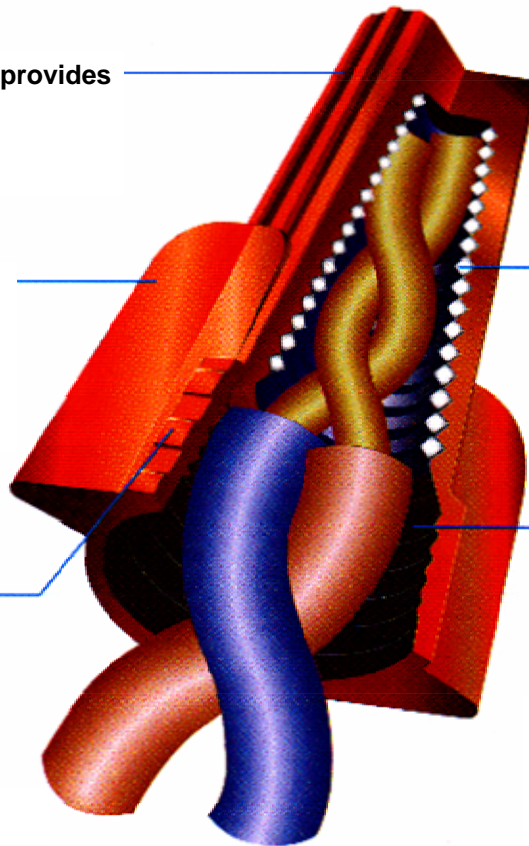
## Twisted Winged Connectors



Flame retardant thermoplastic shell provides excellent electrical insulation

Swept-back wing design fits into your fingers naturally and provides finger-tip comfort which allows for increased torquing power

Square spots on the surface of connector provide more grasp and reduce slip through your fingers



Square wire spring provides more securely gripping on conductors

Deep skirt entry provides protection from flashover and shorts

- Color coded for easy identification
- Swept wing fits into your hand naturally to give extra torque leverage and reduce the effort required for connecting even large wire combinations, yet compact, with narrow profile to take up less space in junction boxes
- Ribbed-Cap provides more secure grip and faster fingertip starts even when hands become slippery
- Temperature rated at 221°F (105°C) maximum
- No pre-twisting of conductors is required – spring creates its own thread
- Reusable connector threads on or off splice for fast and easy circuit changes and additions
- Tough, UL 94V-2 Flame retardant shell will not crack or break, even when applied to maximum wire combinations under extreme pressure



# WIRE MANAGEMENT

## Twisted Winged Connectors

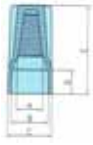
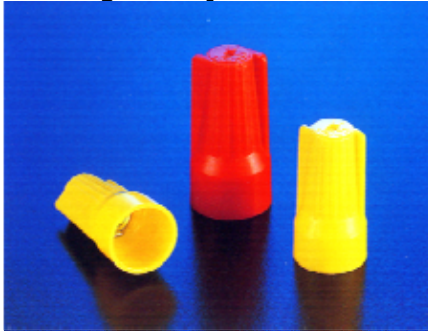
No.	Color	Wire Combinations	Max Volts	A	B	C	D	E	Qty	Case Qty	Per 100
<b>Hanging Bag Small Pack</b>											
23284	Yellow	No.18 Thru 10 Awg	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	25	1250	
23285	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	25	1250	
23286	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	25	1250	
23288	Gray	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.394	.587	1.000	.394	1.311	6	1250	
23290	Blue	No. 14 Thru 6 Awg	600V 1000V fixtures & signs	.472	.740	1.260	.516	1.575	6	1250	
<b>Boxed 100 Pack</b>											
23084	Yellow	No.18 Thru 10 Awg	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	100	6000	
23085	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	100	4800	
23086	Red	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	100	3600	
<b>Bagged Bulk Pack</b>											
23184	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	500	5000	
23185	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	500	5000	
23186	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	500	5000	
23188	Gray	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.394	.587	1.000	.394	1.311	100	2500	
23190	Blue	No. 14 Thru 6 Awg	600V 1000V fixtures & signs	.472	.740	1.260	.516	1.575	100	1500	
<b>Small Jar</b>											<b>Per Jar</b>
23384	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	200	6400	
23385	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	150	4800	
23386	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	100	3200	
<b>Large Jar</b>											<b>Per Jar</b>
23484	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	550	6600	
23485	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	450	5400	
23486	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	300	3600	
<b>Handy Pack</b>											<b>Per Pack</b>
23584	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	250	4000	
23585	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	200	3200	
23586	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	130	2080	





# WIRE MANAGEMENT

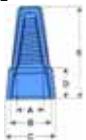
## Easy-Cap Wire Connectors



- Plastic cap molded by strong, durable UL94V-2 flame retardant thermoplastic
- Swept-back easy wings designed to provide firm & comfortable twisting
- Inserted with fixed square-wire spring, grabs wires quickly and firmly
- Color coded to industry standard
- Compact design perfect for tight spaces
- 600V, 1000 Volts Max. in lighting fixtures and signs

No.	Color	Wire Combinations	A	B	C	D	E	Qty	Case Qty	Per 100
<b>Hanging Bag 25 Pack</b>										
23254	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	25	1250	
23256	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	25	1250	
<b>Boxed 100 Pack</b>										
23054	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	100	6000	
23056	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	4800	
<b>Bulk 500 Pack</b>										
23154	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	500	5000	
23156	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	500	5000	
<b>Small Jar</b>										Per Jar
23354	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	8000	
23356	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	3200	
<b>Large Jar</b>										Per Jar
23454	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	600	7200	
23456	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	400	4800	
<b>Handy Pack</b>										Per Pack
23554	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	4000	
23556	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	170	2720	

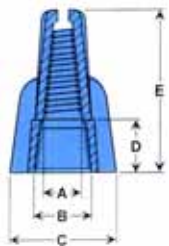
## High Temperature Wire Connectors



- Black, thermoplastic shell specially designed to withstand the extreme heat build-up commonly found in high-wattage light fixture and signs, 302°F (150°C)

No.	Type	Wire Combinations	Max Volts	A	B	C	D	E	Bag Qty	Case Box	Per 100
23161	P1	No.22 Thru 16 Awg	300V	.15	.264	.339	.228	.598	100	20,000	
23163	P3	No.22 Thru 14 Awg	600V 1000V fixtures & Signs	.197	.390	.480	.307	.866	100	5000	

## Grounding Connectors



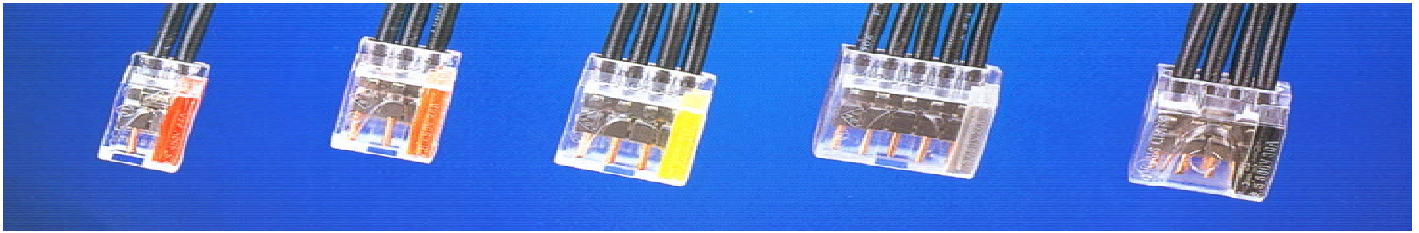
- Color coded Green for quick identification as grounding connector
- Specifically designed for making positive ground connections and bonding non-metallic sheathed cable
- Live action square spring draws wires deep into spring for safe, tight grip and making a strong connection
- Built-in swept-back designed wing enables users to tighten connectors easily without tools

No.	Color	Wire Combinations	A	B	C	D	E	Bag Qty	Case Qty	Per 100
23292	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	25	5000	
23192	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	100	5000	



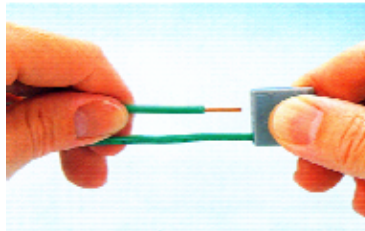
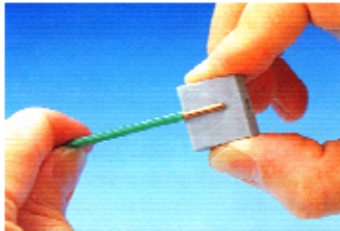
# WIRE MANAGEMENT

## Push-In Wire Connectors



**No Twisting! Just Push-in! Quick & Safe! Reduce Installation**

Easy for installation:



1. **TURN OFF POWER.** Strip wire approximately 0.45 inches. The stripping length is built on the connector.

2. Push the stripped solid conductor fully into the port of connector. No more twisting or taping.

3. Use a voltage tester to test your connection via the port on the connector

4. Applications:
- OEM lighting manufacturing
  - Junction boxes
  - Control Panels
  - Security/Alarm systems
  - Prefabricated wiring systems
  - Lighting Retrofit

To correct or change wires, simply hold the wire to be removed firmly, then twist alternating left and right while pulling on the connector.



- Easy to Install - instead of twisting or taping, simply push wires into contact to save you time and money
- Low wire insertion force needed allows fast, easy connections
- No-twist connection reduces repetitive motion fatigue
- Re-useable making changes easy and reducing waste of connectors
- Clear housing for connection confirmation
- Check port for continuity testing
- Electrolytic tin-plated internal copper bus for high conductivity
- Housing material: Thermoplastic, UL 94V-2 flame retardant
- Current: 24A (VDE)
- Voltage: UL-600V, VDE-450V
- Working Temperature: 230°F (110°C)
- Wire Range: 12-22 AWG Solid conductor
- Color Coded according to different position
- UL listed copper to copper

No.	Poles	Color	L	W	H	Qty	Case Qty	Per 100
<b>Hanging Bag 25 Pack</b>								
23222	2	Red	.768	.413	.374	25	1250	
23223	3	Orange	.776	.531	.374	25	1250	
23224	4	Yellow	.776	.677	.374	25	1250	
23225	5	Gray	.776	.831	.374	25	1250	
23228	8	Black	.748	.689	.661	25	1250	
<b>Boxed 100 Pack</b>								
23012	2	Red	.768	.413	.374	100	10,000	
23013	3	Orange	.776	.531	.374	100	6,000	
23014	4	Yellow	.776	.677	.374	100	6,000	
23015	5	Gray	.776	.831	.374	100	6,000	
23018	8	Black	.748	.689	.661	50	3,000	
<b>Bagged 100 Pack</b>								
23022	2	Red	.768	.413	.374	100	5,000	
23023	3	Orange	.776	.531	.374	100	5,000	
23024	4	Yellow	.776	.677	.374	100	5,000	
23025	5	Gray	.776	.831	.374	100	5,000	
23028	8	Black	.748	.689	.661	100	2,500	



# WIRE MANAGEMENT

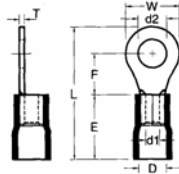
- Color Coded insulation for easy identification
- Manufactured from high strength copper alloy
- Electro-tin plated for corrosion resistance
- Wire range stamped on the surface for easy interpretation
- Packed in Zip Lock plastic bags with punched hole for pegboard hanging



- Easy entry expanded insulation eliminates strand "Hang Up" increasing crimping rates and provides mechanical strain relief
- Serrated Barrel provides excellent electrical contact & resistance to pullout forces
- Vinyl terminals have butted seams
- Brazed seam on our Nylon & Non-Insulated terminals prevents splitting under maximum pressure
- Nylon insulated terminals provide superior chemical resistance and temperature characteristics for demanding applications
- Double Crimp Disconnects have an extended copper sleeve for multiple crimps

## Ring Terminals – 25 PACK

(100 Pack located on Page 49)



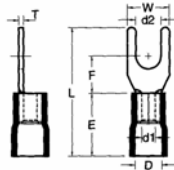
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 105°C 600 Volts Max

Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
01012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	25	100	
01014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	25	100	
01016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	25	100	
01018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	25	100	
01032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	25	100	
01034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	25	100	
01036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	25	100	
01038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	25	100	
01040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	25	100	
01042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	25	100	
01062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	25	100	
01064	Yellow	12-10	#10	.209	.374	.327	1.067	.555	.248	.134	.039	25	100	
01066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	25	100	
01068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	25	100	
01070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	25	100	

## Spade Terminals - 25 PACK

(100 Pack located on Page 53)



Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 105°C 600 Volts Max

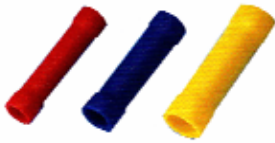
Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
01112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	25	100	
01114	Red	22-16	#8	.169	.252	.256	.874	.441	.157	.067	.030	25	100	
01116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	25	100	
01118	Red	22-16	1/4	.252	.472	.433	1.11	.441	.157	.067	.030	25	100	
01132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	25	100	
01134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	25	100	
01136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	25	100	
01138	Blue	16-14	1/4	.252	.472	.433	1.110	.453	.177	.091	.031	25	100	
01162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	25	100	
01164	Yellow	12-10	#10	.209	.354	.276	1.1047	.555	.248	.134	.039	25	100	
01166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	25	100	
01168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	25	100	



# WIRE MANAGEMENT

## Butt Connectors - 25 PACK

(100 Pack located on Page 64)



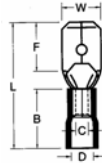
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- 167°F (75°C) 600 Volts Max

Cat No.	Color	Wire Size	L	D	d1	Bag Qty	Master Bag Qty	Per 100
01182	Red	22-16	.969	.157	.067	25	100	
01184	Blue	16-14	.969	.177	.091	25	100	
01186	Yellow	12-10	1.043	.248	.134	25	100	

## Male Disconnectors – 25 PACK

(100 Pack located on Page 58)



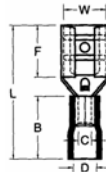
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max

Cat No.	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
01212	Red	22-16	.020 X .187	.189	.256	.748	.394	.067	.157	.020	25	100	
01214	Red	22-16	.032 X .250	.250	.303	.827	.394	.067	.157	.016	25	100	
01222	Blue	16-14	.020 X .187	.189	.256	.748	.394	.091	.177	.020	25	100	
01224	Blue	16-14	.032 X .250	.250	.303	.827	.394	.091	.177	.016	25	100	
01232	Yellow	12-10	.032 X .250	.250	.303	.945	.512	.134	.217	.016	25	100	

## Female Disconnectors – 25 PACK

(100 Pack located on Page 58)



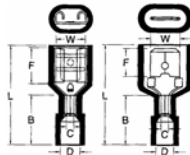
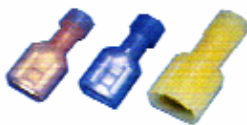
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max

Cat No.	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
01312	Red	22-16	.020 X .187	.197	.252	.748	.394	.067	.157	.014	25	100	
01314	Red	22-16	.032 X .250	.260	.295	.807	.394	.067	.157	.014	25	100	
01322	Blue	16-14	.020 X .187	.197	.252	.748	.394	.091	.177	.014	25	100	
01324	Blue	16-14	.032 X .250	.260	.295	.807	.394	.091	.177	.016	25	100	
01332	Yellow	12-10	.032 X .250	.260	.295	.925	.512	.134	.217	.016	25	100	

## Fully Insulated Disconnectors – 25 PACK

(100 Pack located on Page 60)



Measurements in Inches

- Nylon Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 221°F (105°C) 300 Volts Max

Cat No.	Type	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master bag Qty	Per 100
01411	Female	Red	22-16	.032 X .250	.260	.295	.866	.433	.067	.157	.016	25	100	
01412	Female	Blue	16-14	.032 X .250	.260	.295	.866	.433	.091	.177	.016	25	100	
01414	Female	Yellow	12-10	.032 X .250	.260	.295	.945	.512	.134	.248	.016	25	100	
01415	Male	Red	22-16	.032 X .250	.250	.303	.906	.433	.067	.157	.016	25	100	
01416	Male	Blue	16-14	.032 X .250	.250	.303	.945	.433	.091	.177	.016	25	100	
01418	Male	Yellow	12-10	.032 X .250	.250	.303	.984	.512	.134	.248	.016	25	100	





# WIRE MANAGEMENT

## 200 Piece Terminal Kit



Contains the following :

- High impact reusable plastic box
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

Qty	Item ID	Item Description
4	10034	Ring Terminal 16-14 #8
6	10036	Ring Terminal 16-14 #10
4	10062	Ring Terminal 12-10 #8
10	10064	Ring Terminal 12-10 #10
4	10066	Ring Terminal 12-10 1/4"
4	10112	Spade Terminal 22-18 #6
4	10114	Spade Terminal 22-18 #8
4	10116	Spade Terminal 22-18 #10
4	10132	Spade Terminal 16-14 #6
11	10134	Spade Terminal 16-14 #8
12	10136	Spade Terminal 16-14 #10
10	10162	Spade Terminal 12-10 #8

Qty	Item ID	Item Description
24	10164	Spade Terminal 12-10 #10
4	10166	Spade Terminal 12-10 1/4"
12	10182	Butt Connector 22-18
20	10184	Butt Connector 16-14
13	10186	Butt Connector 12-10
4	10224	Male Disconnect 16-14 .250
4	10232	Male Disconnect 12-10 .250
5	10314	Female Disconnect 22-18 .250
5	10322	Female Disconnect 16-14 .187
10	10324	Female Disconnect 16-14 .250
10	10332	Female Disconnect 12-10 .250
8	10412	Female Insul Disconn 16-14 .250
4	10416	Male Insul Disconn 16-14 .250

Cat No.	Kits/Case	Per Kit
10816	5	

## Multi-Way Adapters

TERMINAL MATERIAL: Brass

Measurement = inches

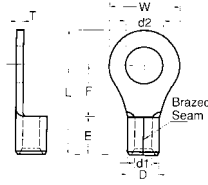
Cat No.	Description	Nema Tab	W	L	Figure	Bag Qty	Per 100
10710	2-WAY BULLET RECEPTACLE 105°C 600V	.156	.307	1.260		100	
10712	DOUBLE MALE TAB SINGLE FEMALE SLIP-ON 600V 24A	.250	.575	.787		100	
10714	3-WAY ADAPTER (2 MALE TAB) 600V 24A	.250	.291	.709		100	
10716	CHAIR ADAPTER (2 MALE TAB) 600V 24A	.250	.331	.827		100	
10718	CHAIR ADAPTER (3 MALE TAB) 600V 24A	.250	.299	.827		100	





# WIRE MANAGEMENT

## Non-Insulated Ring Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**TERMINAL MATERIAL:**

Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel

**MAXIMUM ELECTRIC RATING:** 150°C 600V



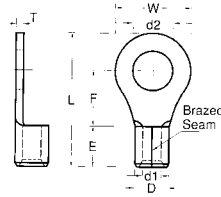
Measurement = inches

Cat No.	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11012	22-16	#4	.126	.217	.197	.492	.189	.134	.067	.030	100	1000	
11014	22-16	#6	.146	.260	.248	.567	.189	.134	.067	.030	100	1000	
11016	22-16	#8	.169	.315	.276	.622	.189	.134	.067	.030	100	1000	
11018	22-16	#10	.209	.315	.276	.622	.189	.134	.067	.030	100	1000	
11020	22-16	1/4	.252	.457	.433	.858	.189	.134	.067	.030	100	1000	
11022	22-16	5/16	.331	.457	.433	.858	.189	.134	.067	.030	100	1000	
11024	22-16	3/8	.413	.535	.547	1.004	.189	.134	.067	.030	100	1000	
11026	22-16	1/2	.512	.756	.630	1.197	.189	.134	.067	.030	100	1000	
11028	22-16	9/16	.591	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11030	22-16	5/8	.669	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11032	22-16	3/4	.827	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11034	16-14	#4	.126	.260	.189	.504	.189	.161	.091	.031	100	1000	
11036	16-14	#6	.146	.260	.248	.567	.189	.161	.091	.031	100	1000	
11038	16-14	#8	.169	.335	.291	.650	.189	.161	.091	.031	100	1000	
11040	16-14	#10	.209	.335	.291	.650	.189	.161	.091	.031	100	1000	
11042	16-14	1/4	.252	.472	.433	.858	.189	.161	.091	.031	100	1000	
11044	16-14	5/16	.331	.472	.433	.858	.189	.161	.091	.031	100	1000	
11046	16-14	3/8	.413	.535	.547	1.004	.189	.161	.091	.031	100	1000	
11048	16-14	1/2	.512	.756	.630	1.197	.189	.161	.091	.031	100	1000	
11050	16-14	9/16	.591	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11052	16-14	5/8	.669	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11054	16-14	3/4	.827	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11056	12-10	#6	.146	.283	.240	.618	.236	.220	.134	.039	100	1000	
11058	12-10	#8	.169	.283	.240	.618	.236	.220	.134	.039	100	1000	
11060	12-10	#10	.209	.374	.327	.748	.236	.220	.134	.039	100	1000	
11062	12-10	1/4	.252	.472	.413	.886	.236	.220	.134	.039	100	1000	
11064	12-10	5/16	.331	.591	.524	1.063	.236	.220	.134	.039	100	1000	
11066	12-10	3/8	.413	.591	.524	1.063	.236	.220	.134	.039	100	1000	
11068	12-10	1/2	.512	.756	.630	1.244	.236	.220	.134	.039	100	1000	
11070	12-10	9/16	.591	1.260	.992	1.858	.236	.220	.134	.039	100	1000	
11072	12-10	5/8	.669	1.260	.992	1.858	.236	.220	.134	.039	100	1000	
11074	12-10	3/4	.827	1.260	.992	1.858	.236	.220	.134	.039	100	1000	



# WIRE MANAGEMENT

## Non-Insulated Ring Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	8	6	4	2
Amp	70	95	125	170

**TERMINAL MATERIAL:**

Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel

**MAXIMUM ELECTRIC RATING:** 150°C 600V



Measurement = inches

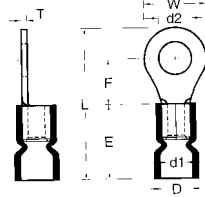
Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11076	8	#6	.146	.315	.366	.846	.335	.283	.177	.047	100	1000	
11078	8	#8	.169	.472	.366	.937	.335	.283	.177	.047	100	1000	
11080	8	#10	.209	.472	.366	.937	.335	.283	.177	.047	100	1000	
11082	8	1/4	.252	.472	.366	.937	.335	.283	.177	.047	100	1000	
11084	8	5/16	.331	.591	.543	1.161	.335	.283	.177	.047	100	1000	
11086	8	3/8	.413	.591	.543	1.161	.335	.283	.177	.047	100	1000	
11088	8	1/2	.512	.787	.591	1.319	.335	.283	.177	.047	100	1000	
11090	6	#8	.169	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11092	6	#10	.209	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11094	6	1/4	.252	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11096	6	5/16	.331	.630	.559	1.280	.413	.354	.228	.059	100	1000	
11098	6	3/8	.413	.630	.559	1.280	.413	.354	.228	.059	100	1000	
11100	6	7/16	.453	.866	.780	1.614	.413	.354	.228	.059	100	1000	
11102	6	1/2	.512	.866	.780	1.614	.413	.354	.228	.059	100	1000	
11104	4	#8	.169	.480	.594	1.307	.472	.453	.303	.067	100	1000	
11106	4	#10	.209	.480	.594	1.307	.472	.453	.303	.067	100	1000	
11108	4	1/4	.252	.480	.594	1.299	.472	.453	.303	.067	100	1000	
11110	4	5/16	.331	.650	.531	1.319	.472	.453	.303	.067	100	1000	
11112	4	3/8	.413	.650	.531	1.319	.472	.453	.303	.067	100	1000	
11114	4	7/16	.453	.866	.776	1.673	.472	.453	.303	.067	100	1000	
11116	4	1/2	.512	.866	.776	1.673	.472	.453	.303	.067	100	1000	
11118	2	#10	.209	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11120	2	1/4	.252	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11122	2	5/16	.331	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11124	2	3/8	.413	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11126	2	7/16	.453	.866	.697	1.681	.551	.524	.370	.071	100	1000	
11128	2	1/2	.512	.866	.697	1.681	.551	.524	.370	.071	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Ring Terminals

(25 Pack located on Page 44)



### MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 105°C 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Copper

**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
10010	Red	22-16	#4	.126	.217	.197	.736	.441	.157	.067	.031	100	1000	
10012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	100	1000	
10014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	100	1000	
10016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	100	1000	
10018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	100	1000	
10020	Red	22-16	5/16	.331	.457	.433	1.102	.441	.157	.067	.031	100	1000	
10022	Red	22-16	3/8	.413	.535	.547	1.248	.441	.157	.067	.031	100	1000	
10023	Red	22-16	1/2	.512	.772	.630	1.441	.441	.157	.067	.031	100	1000	
10024	Red	22-16	9/16	.591	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10026	Red	22-16	5/8	.669	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10028	Red	22-16	3/4	.827	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10030	Blue	16-14	#4	.126	.260	.189	.760	.453	.177	.091	.031	100	1000	
10032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	100	1000	
10034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	100	1000	
10036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	100	1000	
10038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	100	1000	
10040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	100	1000	
10042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	100	1000	
10044	Blue	16-14	1/2	.512	.756	.630	1.453	.453	.177	.091	.031	100	1000	
10046	Blue	16-14	9/16	.591	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10048	Blue	16-14	5/8	.669	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10050	Blue	16-14	3/4	.827	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10060	Yellow	12-10	#6	.146	.283	.240	.937	.555	.248	.134	.039	100	1000	
10062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	100	1000	
10064	Yellow	12-10	#10	.209	.374	.327	1.024	.555	.248	.134	.039	100	1000	
10066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	100	1000	
10068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	100	1000	
10070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	100	1000	
10072	Yellow	12-10	1/2	.512	.756	.630	1.563	.555	.248	.134	.039	100	1000	
10074	Yellow	12-10	9/16	.591	1.260	.992	2.177	.555	.248	.134	.039	100	1000	
10076	Yellow	12-10	5/8	.669	1.260	.992	2.177	.555	.248	.134	.039	100	1000	
10078	Yellow	12-10	3/4	.827	1.260	.992	2.177	.555	.248	.134	.039	100	1000	



# WIRE MANAGEMENT

## Nylon Insulated Ring Terminals

### MAXIMUM ELECTRIC CURRENT:

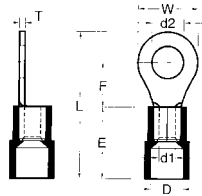
Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper  
Braze Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



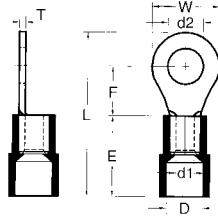
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11312	Red	22-16	#4	.126	.216	.197	.728	.433	.157	.067	.030	100	1000	
11314	Red	22-16	#6	.146	.260	.248	.803	.433	.157	.067	.030	100	1000	
11316	Red	22-16	#8	.169	.315	.276	.858	.433	.157	.067	.030	100	1000	
11318	Red	22-16	#10	.209	.315	.276	.858	.433	.157	.067	.030	100	1000	
11320	Red	22-16	1/4	.252	.457	.433	1.094	.433	.157	.067	.030	100	1000	
11322	Red	22-16	5/16	.331	.457	.433	1.094	.433	.157	.067	.030	100	1000	
11324	Red	22-16	3/8	.413	.535	.547	1.240	.433	.157	.067	.030	100	1000	
11326	Red	22-16	1/2	.512	.756	.630	1.433	.433	.157	.067	.030	100	1000	
11328	Red	22-16	9/16	.591	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11330	Red	22-16	5/8	.669	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11332	Red	22-16	3/4	.827	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11334	Blue	16-14	#4	.126	.260	.189	.740	.433	.177	.091	.031	100	1000	
11336	Blue	16-14	#6	.146	.260	.248	.803	.433	.177	.091	.031	100	1000	
11338	Blue	16-14	#8	.169	.335	.307	.898	.433	.177	.091	.031	100	1000	
11340	Blue	16-14	#10	.209	.335	.307	.898	.433	.177	.091	.031	100	1000	
11342	Blue	16-14	1/4	.252	.472	.433	1.094	.433	.177	.091	.031	100	1000	
11344	Blue	16-14	5/16	.331	.472	.433	1.094	.433	.177	.091	.031	100	1000	
11346	Blue	16-14	3/8	.413	.535	.547	1.240	.433	.177	.091	.031	100	1000	
11348	Blue	16-14	1/2	.512	.756	.630	1.433	.433	.177	.091	.031	100	1000	
11350	Blue	16-14	9/16	.591	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11352	Blue	16-14	5/8	.669	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11354	Blue	16-14	3/4	.827	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11356	Yellow	12-10	#6	.146	.283	.240	.894	.512	.252	.134	.039	100	1000	
11358	Yellow	12-10	#8	.169	.283	.240	.894	.512	.252	.134	.039	100	1000	
11360	Yellow	12-10	#10	.209	.374	.329	1.024	.512	.252	.134	.039	100	1000	
11362	Yellow	12-10	1/4	.252	.472	.413	1.161	.512	.252	.134	.039	100	1000	
11364	Yellow	12-10	5/16	.331	.591	.524	1.339	.512	.252	.134	.039	100	1000	
11366	Yellow	12-10	3/8	.413	.591	.524	1.339	.512	.252	.134	.039	100	1000	
11368	Yellow	12-10	1/2	.512	.756	.630	1.520	.512	.252	.134	.039	100	1000	
11370	Yellow	12-10	9/16	.591	1.260	.992	2.134	.512	.252	.134	.039	100	1000	
11372	Yellow	12-10	5/8	.669	1.260	.992	2.134	.512	.252	.134	.039	100	1000	
11374	Yellow	12-10	3/4	.827	1.260	.992	2.134	.512	.252	.134	.039	100	1000	



# WIRE MANAGEMENT

## Nylon Insulated Ring Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	8	6	4	2
Amp	70	95	125	170

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper  
Braze Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



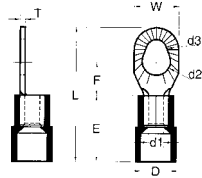
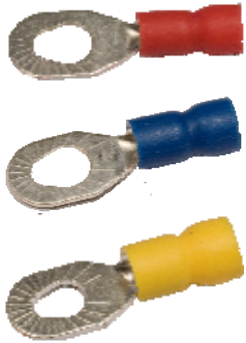
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11376	Red	8	#6	.146	.315	.366	1.142	.630	.315	.177	.047	100	1000	
11378	Red	8	#8	.169	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11380	Red	8	#10	.209	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11382	Red	8	1/4	.252	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11384	Red	8	5/16	.331	.591	.543	1.469	.630	.315	.177	.047	100	1000	
11386	Red	8	3/8	.413	.591	.543	1.469	.630	.315	.177	.047	100	1000	
11388	Red	8	1/2	.512	.787	.591	1.614	.630	.315	.177	.047	100	1000	
11390	Blue	6	#8	.169	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11392	Blue	6	#10	.209	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11394	Blue	6	1/4	.252	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11396	Blue	6	5/16	.331	.630	.559	1.713	.846	.433	.228	.059	100	1000	
11398	Blue	6	3/8	.413	.630	.559	1.713	.846	.433	.228	.059	100	1000	
11400	Blue	6	7/16	.453	.866	.780	2.047	.846	.433	.228	.059	100	1000	
11402	Blue	6	1/2	.512	.866	.780	2.047	.846	.433	.228	.059	100	1000	
11404	Yellow	4	#8	.169	.480	.594	1.780	.945	.512	.303	.067	100	1000	
11406	Yellow	4	#10	.209	.480	.594	1.780	.945	.512	.303	.067	100	1000	
11408	Yellow	4	1/4	.252	.480	.614	1.772	.945	.512	.303	.067	100	1000	
11410	Yellow	4	5/16	.331	.650	.531	1.791	.945	.512	.303	.067	100	1000	
11412	Yellow	4	3/8	.413	.650	.531	1.791	.945	.512	.303	.067	100	1000	
11414	Yellow	4	7/16	.453	.866	.776	2.146	.945	.512	.303	.067	100	1000	
11416	Yellow	4	1/2	.512	.866	.776	2.146	.945	.512	.303	.067	100	1000	
11418	Red	2	#10	.209	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11420	Red	2	1/4	.252	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11422	Red	2	5/16	.331	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11424	Red	2	3/8	.413	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11426	Red	2	7/16	.453	.866	.697	2.193	1.063	.571	.370	.071	100	1000	
11428	Red	2	1/2	.512	.866	.697	2.193	1.063	.571	.370	.071	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Multiple-Stud Ring Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 105°C 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Copper

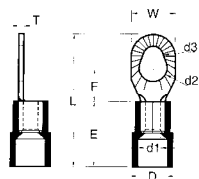
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11452	Red	22-16	#6	.146	.339	.311	1.012	.441	.157	.067	.030	100	1000	
	Red	22-16	#8	.169										
	Red	22-16	#10	.209										
11454	Blue	16-14	#6	.146	.339	.311	1.024	.453	.177	.091	.031	100	1000	
	Blue	16-14	#8	.169										
	Blue	16-14	#10	.209										
11456	Yellow	12-10	#6	.146	.390	.350	1.205	.555	.248	.134	.039	100	1000	
	Yellow	12-10	#8	.169										
	Yellow	12-10	#10	.209										

## Nylon Insulated Multiple-Stud Ring Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper

Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



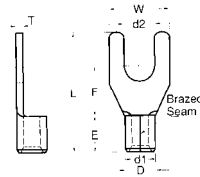
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11462	Red	22-16	#6	.146	.339	.311	.996	.433	.157	.067	.030	100	1000	
	Red	22-16	#8	.169										
	Red	22-16	#10	.209										
11464	Blue	16-14	#6	.146	.339	.311	.996	.433	.177	.091	.031	100	1000	
	Blue	16-14	#8	.169										
	Blue	16-14	#10	.209										
11466	Yellow	12-10	#6	.146	.390	.350	1.154	.512	.252	.134	.039	100	1000	
	Yellow	12-10	#8	.169										
	Yellow	12-10	#10	.209										



# WIRE MANAGEMENT

## Non-Insulated Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel

**MAXIMUM ELECTRIC RATING:** 150°C 600V

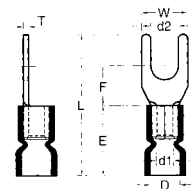


Measurement = inches

Cat No.	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11512	22-16	#4	.126	.323	.256	.630	.189	.134	.067	.030	100	1000	
11514	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000	
11516	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000	
11518	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000	
11520	22-16	1/4	.252	.472	.433	.866	.189	.134	.067	.030	100	1000	
11522	16-14	#4	.126	.224	.256	.630	.189	.161	.091	.031	100	1000	
11524	16-14	#6	.146	.283	.256	.630	.189	.161	.091	.031	100	1000	
11526	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000	
11528	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000	
11530	16-14	1/4	.252	.472	.433	.866	.189	.161	.091	.031	100	1000	
11532	12-10	#6	.146	.327	.276	.728	.236	.220	.134	.039	100	1000	
11534	12-10	#8	.169	.354	.276	.728	.236	.220	.134	.039	100	1000	
11536	12-10	#10	.209	.354	.276	.728	.236	.220	.134	.039	100	1000	
11538	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000	
11540	12-10	5/16	.331	.551	.413	.925	.236	.220	.134	.039	100	1000	
11542	8	#10	.209	.413	.319	.819	.335	.283	.177	.047	100	1000	
11544	8	1/4	.252	.425	.339	.886	.335	.283	.177	.047	100	1000	
11546	6	1/4	.252	.433	.421	1.004	.413	.354	.228	.059	100	1000	
11548	6	5/16	.331	.543	.421	1.122	.413	.354	.228	.059	100	1000	

## Vinyl Insulated Spade Terminals

25 Pack located on Page 44)



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 105°C 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Copper

**FEATURES:** Serrated Barrel, Expanded Insulation



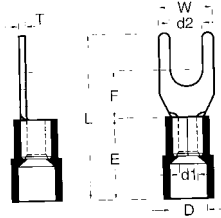
Measurement = inches

Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Box Qty	Per 100
10110	Red	22-16	#4	.126	.224	.256	.874	.441	.157	.067	.030	100	1000	
10112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	100	1000	
10114	Red	22-16	#8	.169	.319	.256	.874	.441	.157	.067	.030	100	1000	
10116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	100	1000	
10118	Red	22-16	1/4	.252	.472	.433	1.110	.441	.157	.067	.030	100	1000	
10120	Blue	16-14	#4	.126	.224	.256	.886	.453	.177	.091	.031	100	1000	
10132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	100	1000	
10134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	100	1000	
10136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	100	1000	
10138	Blue	16-14	1/4	.252	.472	.433	1.122	.453	.177	.091	.031	100	1000	
10140	Yellow	12-10	#6	.146	.327	.276	1.047	.555	.248	.134	.039	100	1000	
10162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	100	1000	
10164	Yellow	12-10	#10	.209	.354	.276	1.047	.555	.248	.134	.039	100	1000	
10166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000	
10168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	100	1000	



# WIRE MANAGEMENT

## Nylon Insulated Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

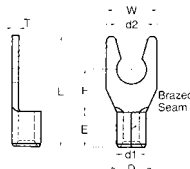
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11612	Red	22-16	#4	.126	.224	.256	.866	.433	.157	.067	.030	100	1000	
11614	Red	22-16	#6	.146	.252	.256	.866	.433	.157	.067	.030	100	1000	
11616	Red	22-16	#8	.169	.319	.256	.866	.433	.157	.067	.030	100	1000	
11618	Red	22-16	#10	.209	.319	.256	.866	.433	.157	.067	.030	100	1000	
11620	Red	22-16	1/4	.252	.472	.433	1.102	.433	.157	.067	.030	100	1000	
11622	Blue	16-14	#4	.126	.224	.256	.866	.433	.177	.091	.031	100	1000	
11624	Blue	16-14	#6	.146	.283	.256	.866	.433	.177	.091	.031	100	1000	
11626	Blue	16-14	#8	.169	.311	.256	.866	.433	.177	.091	.031	100	1000	
11628	Blue	16-14	#10	.209	.366	.256	.866	.433	.177	.091	.031	100	1000	
11630	Blue	16-14	1/4	.252	.472	.433	1.102	.433	.177	.091	.031	100	1000	
11632	Yellow	12-10	#6	.146	.327	.276	1.004	.512	.252	.134	.039	100	1000	
11634	Yellow	12-10	#8	.169	.327	.276	1.004	.512	.252	.134	.039	100	1000	
11636	Yellow	12-10	#10	.209	.354	.276	1.004	.512	.252	.134	.039	100	1000	
11638	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000	
11640	Yellow	12-10	5/16	.331	.551	.413	1.201	.512	.252	.134	.039	100	1000	
11642	Red	8	#10	.209	.413	.319	1.114	.630	.315	.177	.047	100	1000	
11644	Red	8	1/4	.252	.425	.339	1.181	.630	.315	.177	.047	100	1000	
11646	Blue	6	1/4	.252	.433	.421	1.437	.846	.433	.228	.059	100	1000	
11648	Blue	6	5/16	.331	.543	.421	1.555	.846	.433	.228	.059	100	1000	

## Non-Insulated Locking Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel

**MAXIMUM ELECTRIC RATING:** 150°C 600V



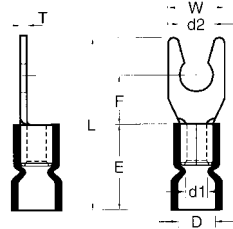
Measurement = inches

Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11662	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000	
11664	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000	
11666	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000	
11668	16-14	#6	.146	.236	.256	.630	.189	.161	.091	.031	100	1000	
11670	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000	
11672	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000	
11674	12-10	#6	.146	.327	.276	.717	.236	.220	.134	.039	100	1000	
11676	12-10	#8	.169	.327	.276	.717	.236	.220	.134	.039	100	1000	
11678	12-10	#10	.209	.354	.276	.717	.236	.220	.134	.039	100	1000	
11680	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Locking Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Copper

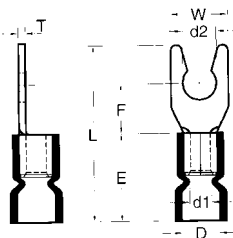
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11702	Red	22-16	#6	.146	.252	.256	.874	.874	.134	.067	.030	100	1000	
11704	Red	22-16	#8	.169	.319	.256	.874	.874	.134	.067	.030	100	1000	
11706	Red	22-16	#10	.209	.319	.256	.874	.874	.134	.067	.030	100	1000	
11708	Blue	16-14	#6	.146	.236	.256	.886	.453	.161	.091	.031	100	1000	
11710	Blue	16-14	#8	.169	.319	.256	.886	.453	.161	.091	.031	100	1000	
11712	Blue	16-14	#10	.209	.366	.256	.886	.453	.161	.091	.031	100	1000	
11714	Yellow	12-10	#6	.146	.327	.276	1.035	.555	.248	.134	.039	100	1000	
11716	Yellow	12-10	#8	.169	.327	.276	1.035	.555	.248	.134	.039	100	1000	
11718	Yellow	12-10	#10	.209	.354	.276	1.035	.555	.248	.134	.039	100	1000	
11720	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000	

## Nylon Insulated Locking Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation

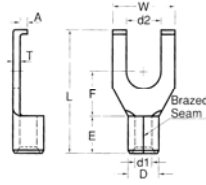


Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11722	Red	22-16	#6	.146	.252	.256	.866	.433	.134	.067	.030	100	1000	
11724	Red	22-16	#8	.169	.319	.256	.866	.433	.134	.067	.030	100	1000	
11726	Red	22-16	#10	.209	.319	.256	.866	.433	.134	.067	.030	100	1000	
11728	Blue	16-14	#6	.146	.236	.256	.866	.433	.161	.091	.031	100	1000	
11730	Blue	16-14	#8	.169	.319	.256	.866	.433	.161	.091	.031	100	1000	
11732	Blue	16-14	#10	.209	.366	.256	.866	.433	.161	.091	.031	100	1000	
11734	Yellow	12-10	#6	.146	.327	.276	.992	.512	.252	.134	.039	100	1000	
11736	Yellow	12-10	#8	.169	.327	.276	.992	.512	.252	.134	.039	100	1000	
11738	Yellow	12-10	#10	.209	.354	.276	.992	.512	.252	.134	.039	100	1000	
11740	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000	

# WIRE MANAGEMENT

## Non-Insulated Flange Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**TERMINAL MATERIAL:** Electro Tin Plated Copper

**FEATURES:** Brazed Seam Serrated Barrel

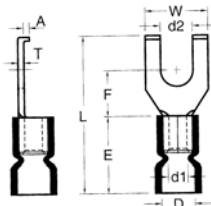
**MAXIMUM ELECTRIC RATING:** 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11742	22-16	#4	.126	.252	.201	.551	.189	.134	.067	.059	.030	100	1000	
11744	22-16	#6	.146	.252	.201	.551	.189	.134	.067	.059	.030	100	1000	
11746	22-16	#8	.169	.335	.283	.768	.189	.134	.067	.059	.030	100	1000	
11748	22-16	#10	.209	.295	.201	.551	.189	.134	.091	.059	.030	100	1000	
11750	16-14	#6	.146	.295	.205	.571	.189	.161	.091	.059	.031	100	1000	
11752	16-14	#8	.169	.315	.266	.728	.189	.161	.091	.059	.031	100	1000	
11754	16-14	#10	.209	.335	.283	.709	.189	.161	.134	.059	.031	100	1000	
11756	12-10	#6	.146	.299	.244	.728	.236	.220	.134	.059	.039	100	1000	
11758	12-10	#8	.169	.335	.295	.787	.236	.220	.134	.059	.039	100	1000	
11760	12-10	#10	.209	.299	.244	.728	.236	.220	.134	.059	.039	100	1000	

## Vinyl Insulated Flange Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 V

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Copper

**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

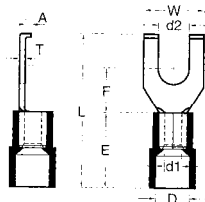
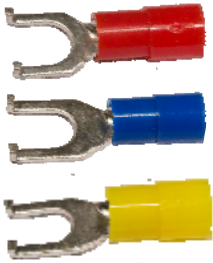
Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11762	Red	22-16	#4	.126	.252	.201	.795	.441	.157	.067	.059	.030	100	1000	
11764	Red	22-16	#6	.146	.252	.201	.795	.441	.157	.067	.059	.030	100	1000	
11766	Red	22-16	#8	.169	.335	.283	1.012	.441	.157	.067	.059	.030	100	1000	
11768	Red	22-16	#10	.209	.295	.201	.795	.441	.157	.067	.059	.030	100	1000	
11770	Blue	16-14	#6	.146	.295	.205	.827	.453	.177	.091	.059	.031	100	1000	
11772	Blue	16-14	#8	.169	.315	.266	.728	.453	.177	.091	.059	.031	100	1000	
11774	Blue	16-14	#10	.209	.335	.283	.965	.453	.177	.091	.059	.031	100	1000	
11776	Yellow	12-10	#6	.146	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000	
11778	Yellow	12-10	#8	.169	.335	.295	1.106	.555	.248	.134	.059	.039	100	1000	
11780	Yellow	12-10	#10	.209	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000	





# WIRE MANAGEMENT

## Nylon Insulated Flange Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

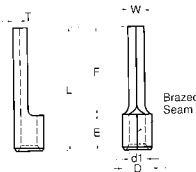
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11802	Red	22-16	#4	.126	.252	.201	.787	.443	.157	.067	.059	.030	100	1000	
11804	Red	22-16	#6	.146	.252	.201	.787	.443	.157	.067	.059	.030	100	1000	
11806	Red	22-16	#8	.169	.335	.283	1.004	.443	.157	.067	.059	.030	100	1000	
11808	Red	22-16	#10	.209	.295	.201	.787	.443	.157	.067	.059	.030	100	1000	
11810	Blue	16-14	#6	.146	.295	.205	.807	.443	.177	.091	.059	.031	100	1000	
11812	Blue	16-14	#8	.169	.315	.266	.965	.443	.177	.091	.059	.031	100	1000	
11814	Blue	16-14	#10	.209	.335	.283	.945	.443	.177	.091	.059	.031	100	1000	
11816	Yellow	12-10	#6	.146	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000	
11818	Yellow	12-10	#8	.169	.335	.295	1.063	.512	.252	.134	.059	.039	100	1000	
11820	Yellow	12-10	#10	.209	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000	

## Non-Insulated Pin Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**TERMINAL MATERIAL:** Electro Tin Plated Copper

**FEATURES:** Brazed Seam Serrated Barrel

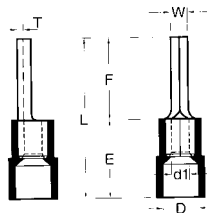
**MAXIMUM ELECTRIC RATING:** 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11822	22-16	.075	.472	.661	.189	.134	.067	.030	100	1000	
11824	16-14	.075	.472	.661	.189	.161	.091	.031	100	1000	
11826	12-10	.110	.551	.787	.236	.220	.134	.039	100	1000	

## Nylon Insulated Pin Terminals



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

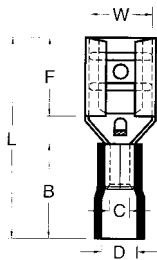
Cat No.	Color	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11832	Red	22-16	.075	.472	.898	.433	.157	.067	.030	100	1000	
11834	Blue	16-14	.075	.472	.898	.433	.177	.091	.031	100	1000	
11836	Yellow	12-10	.110	.551	1.063	.512	.252	.134	.039	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Female Disconnects

(25 Pack located on Page 45)



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation

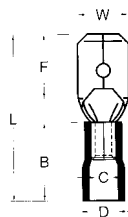


Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
10308	Red	22-16	.020X.110	.126	.256	.732	.394	.067	.157	.012	100	1000	
10310	Red	22-16	.032X.110	.126	.256	.732	.394	.067	.157	.012	100	1000	
10312	Red	22-16	.020X.187	.197	.252	.748	.394	.067	.157	.014	100	1000	
10311	Red	22-16	.032X.187	.197	.252	.748	.394	.067	.157	.014	100	1000	
10313	Red	22-16	.020X.205	.224	.260	.728	.394	.067	.157	.014	100	1000	
10314	Red	22-16	.032X.250	.260	.287	.807	.394	.067	.157	.016	100	1000	
10316	Blue	16-14	.020X.110	.126	.256	.732	.394	.091	.177	.012	100	1000	
10318	Blue	16-14	.032X.110	.126	.256	.732	.394	.091	.177	.012	100	1000	
10322	Blue	16-14	.020X.187	.197	.252	.748	.394	.091	.177	.014	100	1000	
10323	Blue	16-14	.032X.187	.197	.252	.748	.394	.091	.177	.014	100	1000	
10325	Blue	16-14	.020X.205	.224	.260	.728	.394	.091	.177	.014	100	1000	
10324	Blue	16-14	.032X.250	.260	.287	.807	.394	.091	.177	.016	100	1000	
10328	Yellow	12-10	.020X.110	.126	.256	.866	.512	.134	.217	.014	100	1000	
10329	Yellow	12-10	.032X.110	.126	.256	.866	.512	.134	.217	.014	100	1000	
10330	Yellow	12-10	.020X.187	.197	.256	.866	.512	.134	.217	.014	100	1000	
10331	Yellow	12-10	.032X.187	.197	.256	.866	.512	.134	.217	.014	100	1000	
10332	Yellow	12-10	.032X.250	.260	.287	.925	.512	.134	.217	.016	100	1000	

## Vinyl Insulated Male Disconnects

(25 Pack located on Page 45)



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation



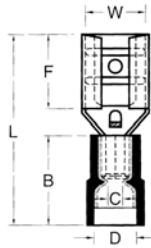
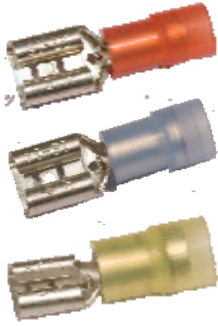
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
10208	Red	22-16	.020X.110	.110	.256	.728	.394	.067	.157	.020	100	1000	
10210	Red	22-16	.032X.110	.110	.256	.728	.394	.067	.157	.016	100	1000	
10212	Red	22-16	.020X.187	.189	.256	.748	.394	.067	.157	.020	100	1000	
10213	Red	22-16	.032X.187	.189	.264	.748	.394	.067	.157	.016	100	1000	
10214	Red	22-16	.032X.250	.250	.303	.827	.394	.067	.157	.016	100	1000	
10222	Blue	16-14	.020X.187	.189	.256	.748	.394	.091	.177	.020	100	1000	
10223	Blue	16-14	.032X.187	.189	.264	.748	.394	.091	.177	.016	100	1000	
10224	Blue	16-14	.032X.250	.250	.303	.827	.394	.091	.177	.016	100	1000	
10232	Yellow	12-10	.032X.250	.250	.303	.945	.512	.134	.217	.016	100	1000	



# WIRE MANAGEMENT

## Nylon Insulated Double Crimp Female Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

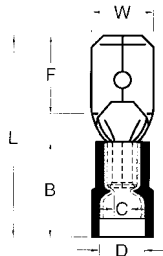
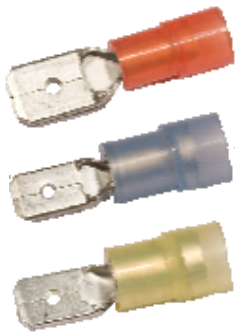
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11902	Red	22-16	.020X.110	.126	.256	.772	.433	.067	.157	.012	100	1000	
11904	Red	22-16	.032X.110	.126	.256	.772	.433	.067	.157	.012	100	1000	
11906	Red	22-16	.020X.187	.197	.252	.787	.433	.067	.157	.014	100	1000	
11908	Red	22-16	.032X.187	.197	.252	.787	.433	.067	.157	.014	100	1000	
11910	Red	22-16	.020X.205	.224	.260	.768	.433	.067	.157	.014	100	1000	
11912	Red	22-16	.032X.250	.260	.287	.846	.433	.067	.157	.016	100	1000	
11914	Blue	16-14	.020X.110	.126	.256	.772	.433	.091	.197	.012	100	1000	
11916	Blue	16-14	.032X.110	.126	.256	.772	.433	.091	.197	.012	100	1000	
11918	Blue	16-14	.020X.187	.197	.252	.787	.433	.091	.197	.014	100	1000	
11920	Blue	16-14	.032X.187	.197	.252	.787	.433	.091	.197	.014	100	1000	
11922	Blue	16-14	.020X.205	.224	.228	.768	.433	.091	.197	.014	100	1000	
11924	Blue	16-14	.032X.250	.260	.295	.846	.433	.091	.197	.016	100	1000	
11926	Yellow	12-10	.020X.110	.126	.256	.866	.512	.134	.256	.014	100	1000	
11928	Yellow	12-10	.032X.110	.126	.256	.866	.512	.134	.256	.014	100	1000	
11930	Yellow	12-10	.020X.187	.197	.256	.866	.512	.134	.256	.014	100	1000	
11932	Yellow	12-10	.032X.187	.197	.256	.866	.512	.134	.256	.014	100	1000	
11934	Yellow	12-10	.032X.250	.260	.295	.925	.512	.134	.256	.016	100	1000	

## Nylon Insulated Double Crimp Male Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation



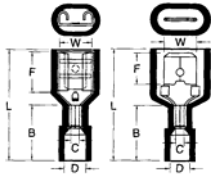
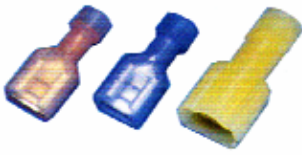
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11942	Red	22-16	.020X.110	.110	.256	.768	.433	.067	.157	.020	100	1000	
11944	Red	22-16	.032X.110	.110	.256	.768	.433	.067	.157	.016	100	1000	
11946	Red	22-16	.020X.187	.189	.256	.768	.433	.067	.157	.020	100	1000	
11948	Red	22-16	.032X.187	.189	.264	.768	.433	.067	.157	.016	100	1000	
11950	Red	22-16	.032X.250	.250	.303	.866	.433	.067	.157	.016	100	1000	
11952	Blue	16-14	.020X.187	.189	.256	.787	.433	.091	.197	.020	100	1000	
11954	Blue	16-14	.032X.187	.189	.264	.787	.433	.091	.197	.020	100	1000	
11956	Blue	16-14	.032X.250	.250	.303	.874	.433	.091	.197	.016	100	1000	
11958	Yellow	12-10	.032X.250	.250	.303	.945	.512	.134	.256	.016	100	1000	



# WIRE MANAGEMENT

## Nylon Fully Insulated Disconnects - Male & Female (25 Pack Pg 45)



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 300 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

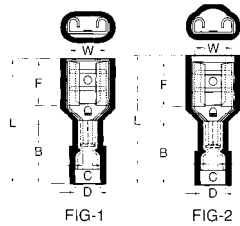
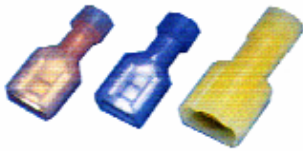
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Type	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master bag Qty	Per 100
10411	Female	Red	22-18	.250 X .032	.260	.295	.866	.433	.067	.157	.032	100	1000	
10412	Female	Blue	16-14	.250 X .032	.260	.295	.866	.433	.091	.177	.032	100	1000	
10414	Female	Yellow	12-10	.250 X .032	.260	.295	.945	.512	.134	.248	.032	100	1000	
10415	Male	Red	22-18	.250 X .032	.250	.303	.906	.433	.067	.157	.032	100	1000	
10416	Male	Blue	16-14	.250 X .032	.250	.303	.945	.433	.091	.177	.032	100	1000	
10418	Male	Yellow	12-10	.250 X .032	.250	.303	.984	.512	.134	.248	.032	100	1000	

## Nylon Fully Insulated Double Crimp Female Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

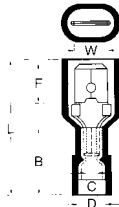
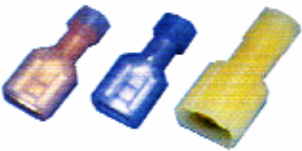
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	FIG	Bag Qty	Master Bag Qty	Per 100
11962	Red	22-16	.020X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000	
11964	Red	22-16	.032X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000	
11966	Red	22-16	.020X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000	
11968	Red	22-16	.032X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000	
11970	Red	22-16	.032X.250	.260	.295	.846	.433	.067	.157	.016	1	100	1000	
11972	Blue	16-14	.020X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000	
11974	Blue	16-14	.032X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000	
11976	Blue	16-14	.032X.250	.260	.295	.846	.433	.091	.197	.016	1	100	1000	
11978	Yellow	12-10	.032X.250	.260	.295	.953	.512	.134	.256	.016	2	100	1000	

## Nylon Fully Insulated Double Crimp Male Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation



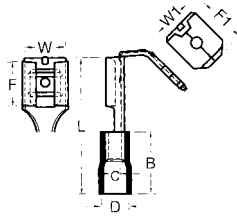
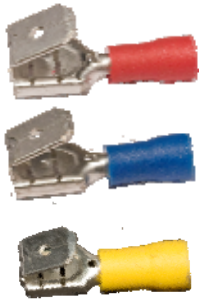
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11982	Red	22-16	.032X.250	.250	.303	.945	.433	.067	.157	.016	100	1000	
11984	Blue	16-14	.032X.250	.250	.303	.945	.433	.091	.197	.016	100	1000	
11986	Yellow	12-10	.032X.250	.250	.303	1.024	.512	.134	.256	.016	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Piggy Back Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Brass

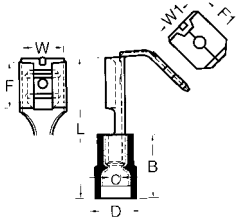
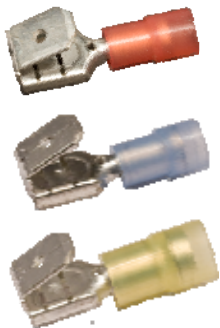
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12012	Red	22-16	.032X.250	.260	.250	.315	.323	.866	.394	.067	.157	.016	100	1000	
12014	Blue	16-14	.032X.250	.260	.250	.315	.323	.866	.394	.091	.177	.016	100	1000	
12016	Yellow	12-10	.032x.250	.260	.250	.315	.323	.945	.512	.134	.217	.016	100	1000	

## Nylon Insulated Double Crimp Piggy Back Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

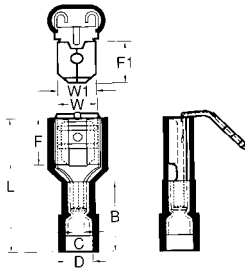
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12022	Red	22-16	.032X.250	.260	.250	.315	.323	.906	.433	.067	.157	.016	100	1000	
12024	Blue	16-14	.032X.250	.260	.250	.315	.323	.906	.433	.091	.197	.016	100	1000	
12026	Yellow	12-10	.032X.250	.260	.250	.315	.323	.945	.512	.134	.256	.016	100	1000	

## Nylon Fully Insulated Double Crimp Piggy Back Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation



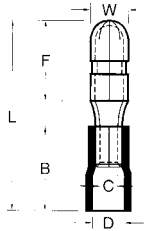
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12032	Red	22-16	.032X.250	.260	.250	.315	.323	.846	.433	.067	.157	.016	100	1000	
12034	Blue	16-14	.032X.250	.260	.250	.315	.323	.846	.433	.091	.197	.016	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Bullet Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Brass

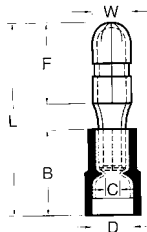
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12042	Red	22-16	.157	.335	.827	.394	.067	.157	.016	100	1000	
12044	Blue	16-14	.157	.335	.827	.394	.091	.177	.016	100	1000	
12046	Blue	16-14	.197	.335	.827	.394	.091	.177	.016	100	1000	
12048	Yellow	12-10	.197	.335	.925	.512	.134	.217	.016	100	1000	

## Nylon Insulated Double Crimp Bullet Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

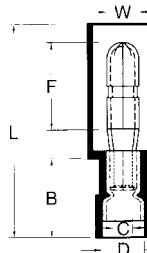
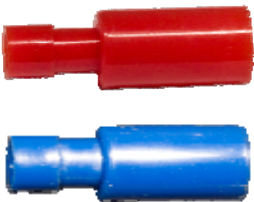
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12052	Red	22-16	.157	.335	.866	.433	.067	.157	.016	100	1000	
12054	Blue	16-14	.157	.335	.866	.433	.091	.197	.016	100	1000	
12056	Blue	16-14	.197	.335	.866	.433	.091	.197	.016	100	1000	
12058	Yellow	12-10	.197	.335	.925	.512	.134	.256	.016	100	1000	

## Nylon Fully Insulated Double Crimp Bullet Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation



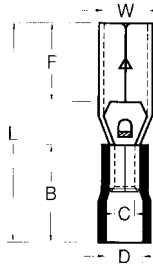
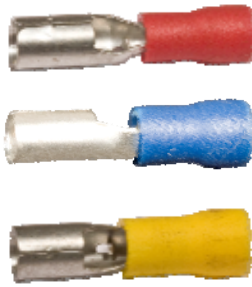
Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12062	Red	22-16	.157	.412	1.063	.394	.067	.157	.016	100	1000	
12064	Blue	16-14	.157	.413	1.063	.394	.091	.177	.016	100	1000	



# WIRE MANAGEMENT

## Vinyl Insulated Receptacle Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATED MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro Tin Plated Brass

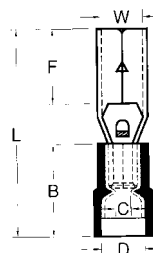
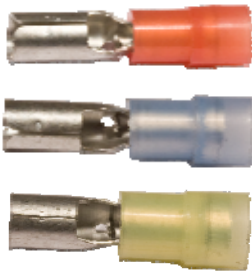
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12072	Red	22-16	.154	.276	.846	.394	.067	.157	.016	100	1000	
12074	Blue	16-14	.154	.276	.846	.394	.091	.177	.016	100	1000	
12076	Blue	16-14	.193	.276	.846	.394	.091	.177	.016	100	1000	
12078	Yellow	12-10	.193	.276	.965	.512	.134	.217	.018	100	1000	

## Nylon Insulated Double Crimp Receptacle Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

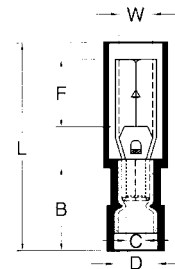
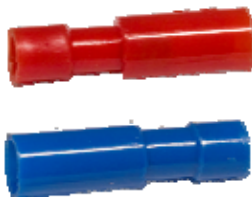
**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12082	Red	22-16	.154	.276	.886	.433	.067	.157	.016	100	1000	
12084	Blue	16-14	.154	.276	.886	.433	.091	.197	.016	100	1000	
12086	Blue	16-14	.193	.276	.886	.433	.091	.197	.016	100	1000	
12088	Yellow	12-10	.193	.276	.965	.512	.134	.256	.018	100	1000	

## Nylon Fully Insulated Double Crimp Receptacle Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12092	Red	22-16	.154	.276	.992	.433	.067	.157	.016	100	1000	
12094	Blue	16-14	.154	.276	.992	.433	.091	.197	.016	100	1000	
12096	Blue	16-14	.193	.276	1.063	.433	.091	.197	.016	100	1000	



# WIRE MANAGEMENT

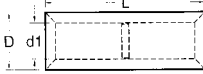
## Non-Insulated Butt Splice Connectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	26	24	22	20	18	16	14	12	10	8	6	4
Amp	5.5	7	9	12	17	18	30	35	50	70	95	125

**CONNECTOR MATERIAL:** Electro Tin Plated Tubular Copper  
**MAXIMUM ELECTRIC RATING:** 150°C 600V

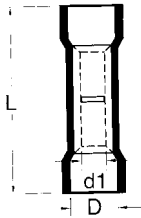
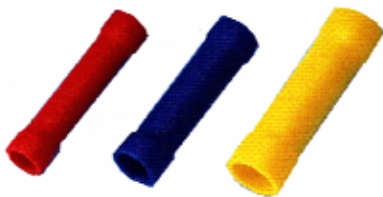


Measurement = inches

Cat No.	Wire Size AWG	L	D	d1	T	Bag Qty	Master Bag Qty	Per 100
12102	26-22	.472	.083	.051	.016	100	1000	
12104	22-16	.591	.130	.067	.031	100	1000	
12106	16-14	.591	.154	.091	.031	100	1000	
12108	12-10	.591	.213	.134	.039	100	1000	
12110	8	.827	.276	.181	.047	100	1000	
12112	6	1.024	.350	.232	.059	100	1000	
12114	4	1.142	.445	.307	.069	100	1000	

## Vinyl Insulated Butt Splice Connectors

25 Pack located on Page 45)



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10	8	6	4	2
Amp	9	12	17	18	30	35	50	70	95	125	170

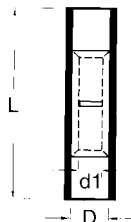
**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts  
**CONNECTOR MATERIAL:** Tin Plated Tubular Copper/Copper Plate  
**INSULATED MATERIAL:** Vinyl  
**FEATURES:** Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty	Per 100
10182	Red	22-16	.969	.157	.067	Copper Plate	100	1000	
10184	Blue	16-14	.969	.177	.091	Copper Plate	100	1000	
10186	Yellow	12-10	1.043	.248	.134	Copper Plate	100	1000	
12128	Red	8	1.398	.335	.177	Tubular Copper	100	1000	
12130	Blue	6	1.772	.413	.232	Tubular Copper	100	1000	
12132	Yellow	4	2.067	.488	.307	Tubular Copper	100	1000	
12134	Red	2	2.165	.610	.374	Tubular Copper	100	1000	

## Nylon Insulated Butt Splice Connectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	26	24	22	20	18	16	14	12	10
Amp	5.5	7	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts  
**CONNECTOR MATERIAL:** Tin Plated Tubular Copper/Copper Plate  
**INSULATED MATERIAL:** Nylon  
**FEATURES:** Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty	Per 100
12142	Yellow	26-22	.787	.079	.051	Tubular Copper	100	1000	
12144	Red	22-16	1.075	.126	.067	Copper Plate	100	1000	
12146	Blue	16-14	1.075	.150	.091	Copper Plate	100	1000	
12148	Yellow	12-10	1.075	.209	.134	Copper Plate	100	1000	



# WIRE MANAGEMENT

## Non-Insulated Parallel Connectors

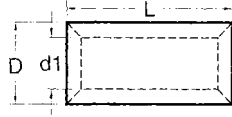


**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**CONNECTOR MATERIAL:** Electro Tin Plated Tubular Copper

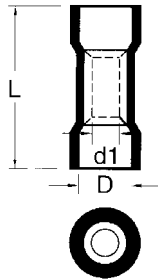
**MAXIMUM ELECTRIC RATING:** 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	L	D	d1	T	Bag Qty	Master Bag Qty	Per 100
12152	22-16	.315	.130	.067	.031	100	1000	
12154	16-14	.315	.154	.091	.031	100	1000	
12156	12-10	.335	.213	.134	.039	100	1000	

## Vinyl Insulated Parallel Connectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**CONNECTOR MATERIAL:** Electro Tin Plated Tubular Copper

**INSULATED MATERIAL:** Vinyl

**FEATURES:** Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty	Per 100
12162	Red	22-16	.650	.157	.067	100	1000	
12164	Blue	16-14	.650	.177	.091	100	1000	
12166	Yellow	12-10	.795	.248	.134	100	1000	

## Vinyl Insulated 3-Way & 4-Way Connectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

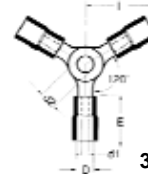
**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATION MATERIAL:** Vinyl

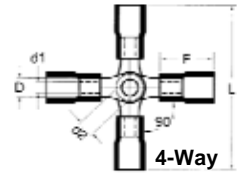
**CONNECTOR MATERIAL:** Electro Tin Plated Copper

**INSULATED MATERIAL:** Vinyl

**FEATURES:** Expanded Insulation      Measurement = inches



3-Way

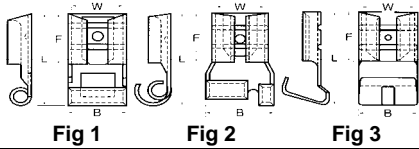
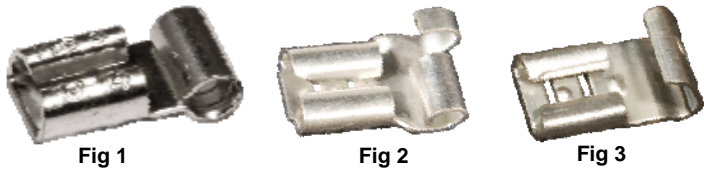


4-Way

Cat No.	Color	Wire Size AWG	Stud size	d2	L	D	E	d1	Bag Qty	Master Bag Qty	Per 100
12172	Red 3-Way	22-16	#8	.157	.669	.157	.394	.067	100	1000	
12174	Blue 3-Way	16-14	#8	.157	.709	.177	.394	.091	100	1000	
12176	Yellow 3-Way	12-10	#8	.157	.866	.248	.512	.134	100	1000	
12178	Red 4-Way	22-16	#8	.157	1.339	.157	.394	.067	100	1000	
12180	Blue 4-Way	16-14	#8	.157	1.398	.177	.394	.091	100	1000	
12182	Yellow 4-Way	12-10	#8	.157	1.713	.248	.512	.134	100	1000	

# WIRE MANAGEMENT

## Non-Insulated Flag Female Disconnects



**MAXIMUM ELECTRIC CURRENT:**

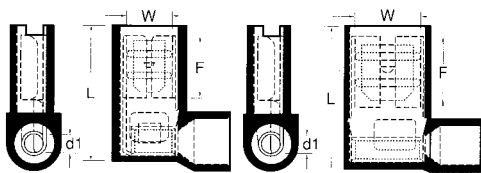
Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**TERMINAL MATERIAL:** Electro Tin Plated Brass  
**MAXIMUM ELECTRIC RATING:** 150°C 600V

Measurement = inches

Cat No.	Wire Size AWG	NEMA TAB	W	F	L	B	T	Fig	Bag Qty	Master Bag Qty	Per 100
12412	22-18	.020X.187	.197	.244	.445	.217	.016	1	100	1000	
12414	22-18	.032X.187	.197	.244	.445	.217	.016	1	100	1000	
12416	22-18	.032X.250	.260	.299	.551	.291	.016	1	100	1000	
12418	22-18	.032X.250	.260	.307	.591	.366	.018	2	100	1000	
12420	16-14	.020X.187	.197	.244	.457	.217	.016	1	100	1000	
12422	16-14	.032X.187	.197	.244	.457	.217	.016	1	100	1000	
12424	16-14	.032X.250	.260	.299	.551	.291	.016	1	100	1000	
12426	16-14	.032X.250	.260	.307	.591	.366	.018	2	100	1000	
12428	12-10	.032X.250	.260	.299	.571	.295	.018	3	100	1000	

## Nylon Insulated Flag Female Disconnects



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14
Amp	3	4	7	10	15

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 300 Volts  
**INSULATED MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	d1	T	Fig.	Bag Qty	Master Bag Qty	Per 100
12432	Red	22-18	.020X.187	.197	.276	.591	.063	.016	1	100	1000	
12434	Red	22-18	.032X.187	.197	.276	.591	.063	.016	1	100	1000	
12436	Red	22-18	.032X.250	.260	.299	.598	.063	.016	2	100	1000	
12438	Blue	16-14	.020X.187	.197	.276	.598	.083	.016	1	100	1000	
12440	Blue	16-14	.032X.187	.197	.276	.598	.083	.016	1	100	1000	
12442	Blue	16-14	.032X.250	.260	.299	.598	.083	.016	2	100	1000	

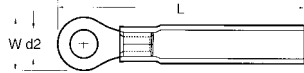
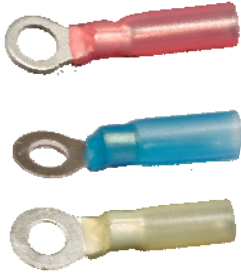




# WIRE MANAGEMENT

Heat Shrinkable Terminals provide an environmentally sealed wire termination. They insulate, seal & protect joints from physical abuse, abrasion, water, salt & other corrosive element.

## Heat Shrinkable - Ring Terminals



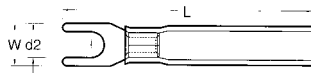
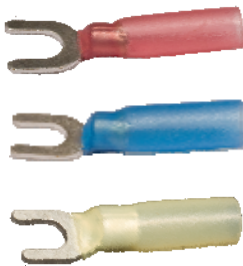
**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 600 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE  
**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam  
**FEATURES:** Serrated Barrel      Measurement = inches

Cat No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty	Per 100
12212	Red	22-16	#6	.217	.984	100	1000	
12214	Red	22-16	#8	.315	1.122	100	1000	
12216	Red	22-16	#10	.315	1.122	100	1000	
12218	Red	22-16	1/4	.457	1.358	100	1000	
12220	Red	22-16	5/16	.457	1.358	100	1000	
12222	Red	22-16	3/8	.535	1.476	100	1000	
12224	Blue	16-14	#6	.260	1.043	100	1000	
12226	Blue	16-14	#8	.335	1.201	100	1000	
12228	Blue	16-14	#10	.374	1.201	100	1000	
12230	Blue	16-14	1/4	.472	1.398	100	1000	
12232	Blue	16-14	5/16	.472	1.398	100	1000	
12234	Blue	16-14	3/8	.535	1.476	100	1000	
12236	Yellow	12-10	#8	.374	1.346	100	1000	
12238	Yellow	12-10	#10	.374	1.339	100	1000	
12240	Yellow	12-10	1/4	.472	1.476	100	1000	
12242	Yellow	12-10	5/16	.591	1.654	100	1000	
12244	Yellow	12-10	3/8	.591	1.654	100	1000	
12246	Yellow	12-10	1/2	.756	1.831	100	1000	

## Heat Shrinkable - Spade Terminals



**MAXIMUM ELECTRIC CURRENT:**

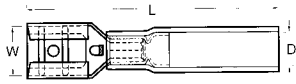
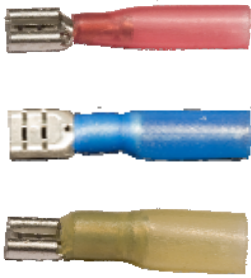
Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 600 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE  
**TERMINAL MATERIAL:** Electro Tin Plated Copper Brazed Seam  
**FEATURES:** Serrated Barrel      Measurement = inches

Cat No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty	Per 100
12252	Red	22-16	#6	.252	1.154	100	1000	
12254	Red	22-16	#8	.283	1.165	100	1000	
12256	Red	22-16	#10	.374	1.181	100	1000	
12258	Blue	16-14	#6	.236	1.122	100	1000	
12260	Blue	16-14	#8	.283	1.161	100	1000	
12262	Blue	16-14	#10	.366	1.201	100	1000	
12264	Yellow	12-10	#8	.354	1.319	100	1000	
12266	Yellow	12-10	#10	.354	1.319	100	1000	
12268	Yellow	12-10	1/4	.472	1.614	100	1000	

# WIRE MANAGEMENT

## Heat Shrinkable - Female Disconnectors



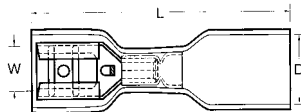
**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE  
**DOUBLE CRIMP:** Extended Copper Sleeve  
**TERMINAL MATERIAL:** Tin Plated Brass  
**FEATURES:** Serrated Barrel      Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty	Per 100
12272	Red	22-16	.032X.250	.260	.217	1.339	100	1000	
12274	Blue	16-14	.032X.250	.260	.236	1.339	100	1000	
12276	Yellow	12-10	.032X.250	.260	.319	1.378	100	1000	

## Heat Shrinkable - Fully Insulated Female Disconnectors



**MAXIMUM ELECTRIC CURRENT:**

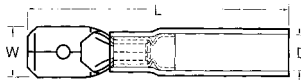
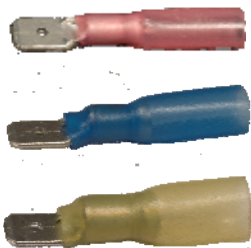
Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE  
**DOUBLE CRIMP:** Extended Copper Sleeve  
**TERMINAL MATERIAL:** Tin Plated Brass  
**FEATURES:** Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Box Qty	Per 100
12282	Red	22-16	.032X.250	.260	.256	1.102	100	1000	
12284	Blue	16-14	.032X.250	.260	.256	1.102	100	1000	
12286	Yellow	12-10	.032X.250	.260	.295	1.102	100	1000	

## Heat Shrinkable - Male Disconnectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE  
**DOUBLE CRIMP:** Extended Copper Sleeve  
**TERMINAL MATERIAL:** Tin Plated Brass  
**FEATURES:** Serrated Barrel

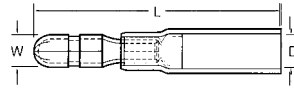
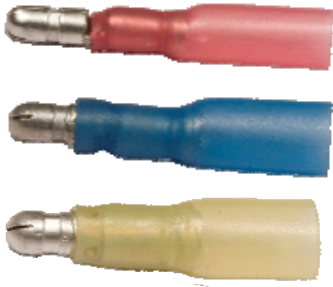
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty	Per 100
12292	Red	22-16	.032X.250	.250	.217	1.339	100	1000	
12294	Blue	16-14	.032X.250	.250	.236	1.339	100	1000	
12296	Yellow	12-10	.032X.250	.250	.319	1.378	100	1000	



# WIRE MANAGEMENT

## Heat Shrinkable - Bullet Disconnectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 300 Volts

**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)

**INSULATION MATERIAL:** High Density PE

**DOUBLE CRIMP:** Extended Copper Sleeve

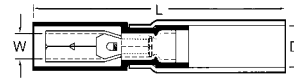
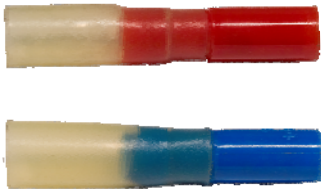
**TERMINAL MATERIAL:** Tin Plated Brass

**FEATURES:** Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	W	D	L	Bag Qty	Box Qty	Per 100
12312	Red	22-16	.157	.217	1.299	100	1000	
12314	Blue	16-14	.157	.236	1.299	100	1000	
12316	Blue	16-14	.197	.236	1.299	100	1000	
12318	Yellow	12-10	.197	.319	1.398	100	1000	

## Heat Shrinkable - Fully Insulated Receptacle Disconnectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

**MAXIMUM ELECTRIC RATING:** 300 Volts

**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)

**INSULATION MATERIAL:** Nylon & High Density PE

**DOUBLE CRIMP:** Extended Copper Sleeve

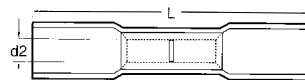
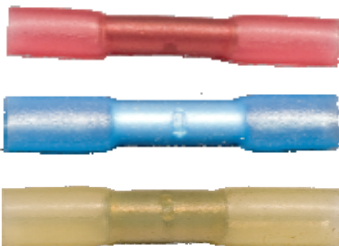
**TERMINAL MATERIAL:** Tin Plated Brass

**FEATURES:** Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	W	D	L	Bag Qty	Master Bag Qty	Per 100
12322	Red	22-16	.154	.256	1.594	100	1000	
12324	Blue	16-14	.154	.295	1.594	100	1000	

## Heat Shrinkable - Butt Splice Connectors



**MAXIMUM ELECTRIC CURRENT:**

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

**MAXIMUM ELECTRIC RATING:** 600 Volts

**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)

**INSULATION MATERIAL:** High Density PE

**TERMINAL MATERIAL:** Electro Tin Plated Copper

Tubular



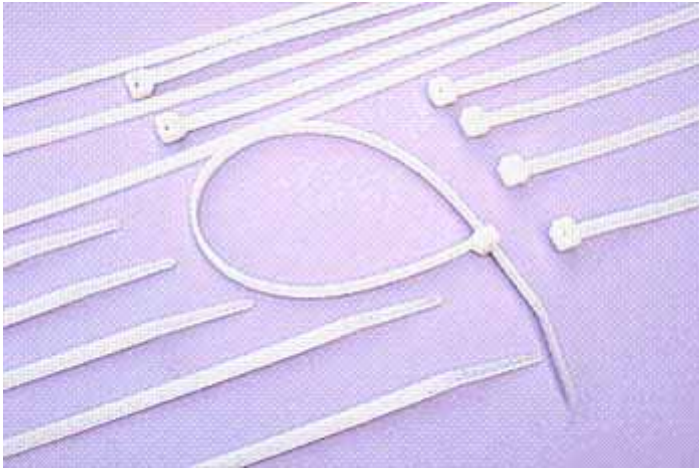
Measurement = inches

Cat No.	Color	Wire Size AWG	d2	L	Bag Qty	Master Bag Qty	Per 100
12332	Red	22-16	.067	1.417	100	1000	
12334	Blue	16-14	.091	1.417	100	1000	
12336	Yellow	12-10	.134	1.614	100	1000	



# WIRE MANAGEMENT

## Nylon Cable Ties



- Made from UL approved Nylon 6/6
- Normal service temperature range -40° to 185°F (-40° to 85°C )
- Flammability rating UL94V-2
- 20087 & 20089 UL181b-C listed for use with UL non-metallic air ducts & air connectors
- Packed in Sealed Plastic Bags



Cat. No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20012	18	3	.094	.71	100	1000	
20014	18	4	.098	.99	100	1000	
20016	18	4 3/4	.098	1.18	100	1000	
20018	18	5 1/2	.098	1.38	100	1000	
20020	18	6 1/2	.098	1.73	100	1000	
20022	18	8	.098	2.17	100	1000	
20032	40	4 3/4	.125	1.18	100	1000	
20034	40	6	.140	1.54	100	1000	
20036	40	8	.125	2.17	100	1000	
20038	40	10	.140	2.91	100	1000	
20040	40	11 1/2	.140	3.35	100	1000	
20052	50	7	.156	1.93	100	1000	
20054	50	8	.179	2.17	100	1000	
20056	50	11	.187	3.19	100	1000	
20058	50	14 1/2	.187	4.02	100	1000	
20060	50	17	.187	4.92	100	100	
20072	120	8	.296	2.17	100	100	
20074	120	11	.296	3.19	100	100	
20076	120	15	.296	4.33	100	100	
20082	175	17 3/4	.312	5.24	100	100	
20084	175	21 5/8	.312	6.54	100	100	
20085	175	24	.351	7.28	100	100	
20086	175	30	.351	9.29	100	100	
20087	175	36	.351	10.63	100	100	
20088	175	46	.351	14.17	100	100	
20089	175	48	.351	14.96	100	100	
20092	250	11	.500	3.19	100	100	
20094	250	21 5/8	.500	6.54	100	100	
20096	250	28 3/4	.500	8.86	100	100	
20098	250	40 1/2	.500	12.48	100	100	



# WIRE MANAGEMENT

## Ultraviolet Black Nylon Cable Ties



- Carbonate 'A' added for greater resistance to ultra violet in outdoor usage
- Made from UL approved Nylon 6/6
- Normal service temperature range -40° to 185°F(-40° to 85°C )
- Flammability rating UL94V-2
- Packed in Sealed Plastic Bags



Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20212	18	3	.094	.71	100	1000	
20214	18	4	.098	.99	100	1000	
20216	18	4 3/4	.098	1.18	100	1000	
20218	18	5 1/2	.098	1.38	100	1000	
20220	18	6 1/2	.098	1.73	100	1000	
20222	18	8	.098	2.17	100	1000	
20232	40	4 3/4	.125	1.18	100	1000	
20234	40	6	.140	1.54	100	1000	
20236	40	8	.125	2.17	100	1000	
20238	40	10	.140	2.91	100	1000	
20240	40	11 1/2	.140	3.35	100	1000	
20252	50	7	.156	1.93	100	1000	
20254	50	8	.179	2.17	100	1000	
20256	50	11	.187	3.19	100	1000	
20258	50	14 1/2	.187	4.02	100	1000	
20260	50	17	.187	4.92	100	100	
20272	120	8	.296	2.17	100	100	
20274	120	11	.296	3.19	100	100	
20276	120	15	.296	4.33	100	100	
20282	175	17 3/4	.312	5.24	100	100	
20284	175	21 5/8	.312	6.54	100	100	
20285	175	24	.351	7.28	100	100	
20286	175	30	.351	9.29	100	100	
20287	175	36	.351	10.63	100	100	
20288	175	46	.351	14.17	100	100	
20289	175	48	.351	14.96	100	100	
20292	250	11	.500	3.19	100	100	
20294	250	21 5/8	.500	6.54	100	100	
20296	250	28 1/2	.500	8.86	100	100	
20298	250	40 1/2	.500	12.48	100	100	

## Colored Nylon Cable Ties



50# Tensil Strength



50# 8" Length .179" Width

50# 11" Length .187" Width

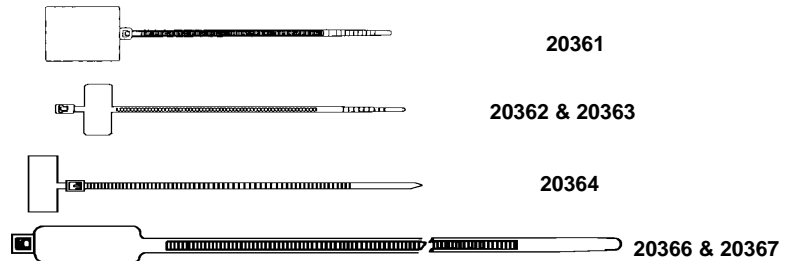
Cat No.	Color	Bag Qty	Master Bag Qty	PER 100
20611	Red	100	1000	
20613	Yellow	100	1000	
20614	Green	100	1000	
20615	Blue	100	1000	
20616	Brown	100	1000	
20617	Orange	100	1000	
20618	Gray	100	1000	
20619	Purple	100	1000	
20623	Fluorescent Yellow	100	1000	
20624	Fluorescent Green	100	1000	
20625	Fluorescent Blue	100	1000	
20626	Fluorescent Pink	100	1000	
20627	Fluorescent Orange	100	1000	

Cat No.	Color	Bag Qty	Master Bag Qty	PER 100
20631	Red	100	1000	
20633	Yellow	100	1000	
20634	Green	100	1000	
20635	Blue	100	1000	
20637	Orange	100	1000	
20638	Gray	100	1000	

## Marker Nylon Cable Ties



- Identification ties & plates combine the ease of using a cable tie with the permanent identification of your product



Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia(Inches)	Marker Size	Bag Qty	Master Bag Qty	Per 100
20361	18	5.12	.098	.98	.79 x 1.10	100	100	
20362	18	3.94	.098	.98	.31 x .98	100	100	
20363	18	7.87	.098	1.97	.59 x 1.18	100	100	
20364	18	4.33	.098	.98	.31 x .98	100	100	
20366	50	7.87	.179	1.97	.51 x 1.10	100	100	
20367	50	10.62	.179	2.95	.51 x 1.10	100	100	



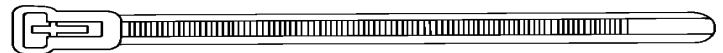
## Mounting Nylon Cable Ties



- Use the screw eye to position and secure bundled harnesses with screws, bolts or rivets
- Fasten bundles, hoses, ducts, etc. to panels or other surfaces
- Accepts #10 Screw

Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (In)	Bag Qty	Master Bag Qty	Per 100
<b>NATURAL COLOR</b>							
20312	25	3 7/8	.098	.98	100	1000	
20314	40	6	.144	1.54	100	1000	
20316	50	8	.164	2.17	100	1000	
20317	50	11 7/8	.187	3.35	100	1000	
20318	50	14 7/16	.187	4.02	100	100	
20320	120	15 5/8	.308	4.80	100	100	
<b>ULTRAVIOLET BLACK</b>							
20332	25	3 7/8	.098	.98	100	1000	
20334	40	6	.144	1.54	100	1000	
20336	50	8	.164	2.17	100	1000	
20337	50	11 7/8	.1889	3.35	100	1000	
20338	50	14 7/16	.187	4.02	100	100	
20340	120	15 5/8	.308	4.80	100	100	

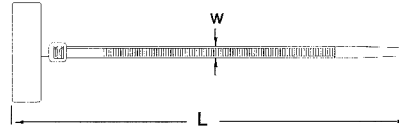
## Releasable Nylon Cable Ties



- These ties remain securely locked until intentionally released by operating the finger catch
- Good for temporary fastening

Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (In)	Bag Qty	Master Bag Qty	Per 100
<b>NATURAL COLOR</b>							
20412	50	6	.183	1.56	100	1000	
20414	50	8	.183	2.17	100	1000	
20418	50	11 7/8	.187	3.46	100	100	
20420	50	14 1/2	.187	4.02	100	100	
<b>ULTRAVIOLET BLACK</b>							
20422	50	6	.183	1.56	100	1000	
20424	50	8	.183	2.17	100	1000	
20428	50	11 7/8	.187	3.46	100	100	
20430	50	14 1/2	.187	4.02	100	100	

## Security Nylon Ties



20372



20374



20376

- For the purpose of identification
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Length	Width	Max Bundle Dia	Marking Pad	Bag Qty	Master Bag Qty	Per 100
20372	4.37"	0.10"	0.79"	0.31" x 1.09"	100	1000	
20374	9.78"	0.14"	1.97"	1.42" x 0.75"	100	1000	
20376	15.75"	0.19"	4.02"	1.44" x 0.75"	100	—	

## Air Handling Cable Ties For Plenum Areas



- Meets UL 2043 for use in air handling spaces
- Generates low smoke & offers low heat release
- Burgundy Color
- 50 Lb. Tensil strength

Cat. No.	Length	Width	Max Bundle Dia.	Bag Qty	Case Qty	Per 100
20982	8.0"	.19"	2.0"	100	5000	
20984	11.8"	.19"	3.0"	100	5000	
20986	14.8"	.19"	4.0"	100	5000	

## Tefzel Cable Ties For Plenum Areas



- Suitable for bundling cables of wires in plenum areas
- Can be used in severe environments including acidic areas and high energy radiation exposure
- Manufactured from fluoropolymer materials
- Aqua blue-green color
- Tefzel will not burn in air, but it will burn in oxygen-enriched environments
- The limiting oxygen index (LOI) as measured by the "Candle test" (ASTM D2862) is 30%
- Tefzel is rated 94V-0 by Underwriters Laboratories Inc. in their burning test classification for polymeric materials
- Temperature rated -45°F to +302°F (-43°C to 150°C)

Cat No.	Tensil Strength	Length	Width	Bag Qty	Master Bag Qty	Per 100
20902	18	3.75"	.09"	100	100	
20906	50	7.25"	.19"	100	100	
20910	50	14.25"	.19"	100	100	



# WIRE MANAGEMENT

## Self Stick Cable Ties (Hoop & Loop Fasteners)



- Self Stick
- Bundle wire and cords in one easy step
- Hook on one side, loop on the other & fabric attaches back to itself for a secure closure
- Reusable & good for temporary applications where continuous changes are anticipated
- Attach to single cable and simply wrap around the whole cable bundle
- Will not overcinch or accidentally cut delicate Cat 5E & Fiber Optics
- Allow for 2" overlap when installing
- 50# tensil strength
- Non-metallic so they'll never short circuit electrical equipment or damage a computer disc

**8 1/4" Length 5/8" Width**

Cat No.	Bundle Dia	Color	Bag Qty	Each Tie
20970	2.0"	Black	10	
20972	2.0"	Blue	10	
20974	2.0"	Red	10	
20976	2.0"	Yellow	10	

**12 1/4" Length 5/8" Width**

Cat No.	Bundle Dia	Color	Bag Qty	Each Tie
20960	3.375"	Black	10	
20962	3.375"	Blue	10	
20964	3.375"	Red	10	
20966	3.375"	Yellow	10	

## Stainless Steel Ties



- Made of stainless steel grade 304
- Ideally suited for hazardous environments
- Roller-ball design allows low insertion force
- Self locking for fast and easy installation
- Smooth edges will not damage wires
- Can install by hand as well as tool
- Normal Operating Temperature –112°F to 1000°F (–80°C to 538°C)
- Non-Magnetic, UV resistant & fireproof

Cat No.	Tensil Strength	Length (Inches)	Width (Inches)	Thickness	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20912	200#	5.0	.18	.01	1.0	100	6000	
20914	200#	7.9	.18	.01	2.0	100	6000	
20916	200#	10.5	.18	.01	2.7	100	6000	
20918	200#	14.2	.18	.01	4.0	100	4000	
20920	200#	20.4	.18	.01	6.0	100	3000	
20922	200#	26.8	.18	.01	8.0	100	2000	
20924	200#	33.0	.18	.01	10.0	100	2000	
20930	450#	6.0	.31	.01	1.0	100	3000	
20932	450#	7.9	.31	.01	2.0	100	3000	
20934	450#	10.5	.31	.01	2.7	100	3000	
20936	450#	14.2	.31	.01	4.0	100	2000	
20938	450#	20.4	.31	.01	6.0	100	1500	
20940	450#	26.8	.31	.01	8.0	100	1000	
20942	450#	33.0	.31	.01	10.0	100	1000	



# WIRE MANAGEMENT

## 250 Piece Assortment Pack Nylon Cable Ties



Contains the following:

Quantity	Product Number	Tensil(Lbs) Strength	Length (Inches)
25 Ties	20014	18	4
50 Ties	20034	40	6
100 Ties	20054	50	8
50 Ties	20056	50	11
25 Ties	20058	50	14 1/2

Cat No.	Number Of Ties	Per Package
20300	250	

## 650 Piece Canister Pack Nylon Cable Ties



1 Case Minimum

Contains the following :

Qty	Product Number	Tensil (Lbs) Strength	Length (Inches)
100 Ties	20014 Natural	18	4
50 Ties	20014 Red	18	4
50 Ties	20014 Blue	18	4
50 Ties	20014 Green	18	4
50 Ties	20014 Yellow	18	4
300 Ties	20054 Natural	50	8
50 Ties	20056 Natural	50	11

Cat No.	Canisters/Case	Per Canister
20302	12	

## Cable Marker Plates



- Used to mark cable bundles for permanent identification
- Installed using standard nylon tie wraps
- A fine tip permanent marker is recommended for markings
- Manufactured using natural colored nylon

Cat No	Length	Width	Bag Qty	Master Bag Qty	Each
20382	1.02"	0.60"	10	100	
20384	1.66"	0.83"	10	100	
20386	2.39"	0.99"	10	100	
20388	2.45"	2.03"	10	100	

## Push Tie Mounts



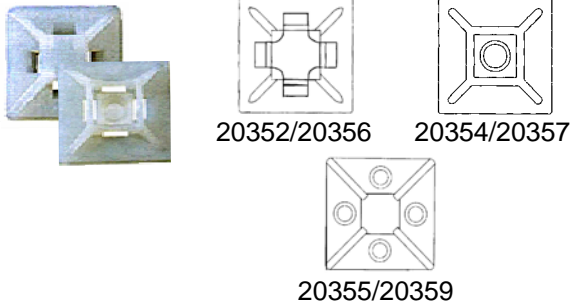
- Drill 1/4" hole on board to fix tie mount and then insert tie into mount for bundling cables
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Max Cable Tie Accepted	Bag Qty	Master Bag Qty	Per 100
20342	.316" Wide (120#)	100	1000	



# WIRE MANAGEMENT

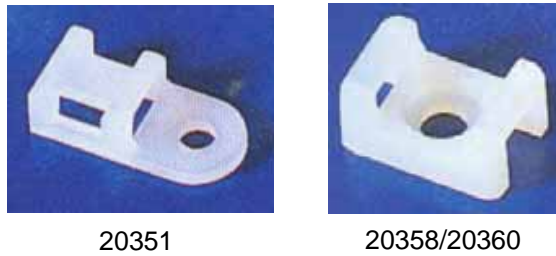
## Self-Adhesive Tie Mounts



- Designed to support light weight wire bundles when properly applied on any clean, smooth grease-free surface
- Four sided design allows ties to be easily inserted from any angle
- For heavy support, mounting hole is provided for screws on models #20354/#20357 & #20355/#20359
- To apply, simply peel off backing paper from sticky mount and apply mount to surface. After that, cable ties can be inserted to secure wire bundles
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Color	Mount Type	Base Size (Inches)	Cable Tie Accepted (inches)	Bag Qty	Master Bag Qty	Per 100
20352	Natural	Regular	.3/4X3/4	.138 Wide	100	1000	
20354	Natural	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000	
20355	Natural	(4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000	
20356	UV Black	Regular	.3/4X3/4	.138 Wide	100	1000	
20357	UV Black	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000	
20359	UV Black	4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000	

## Saddle Tie Mounts



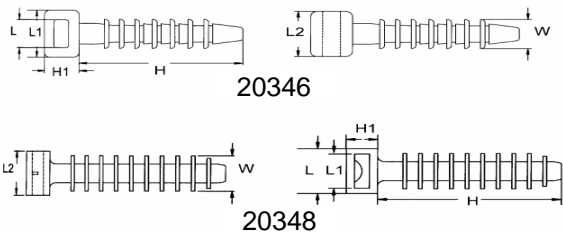
- Saddle design provides maximum stability to wire bundles
- To apply, simply fix mount with a screw and secure wire bundles with nylon cable ties
- Made from UL approved Nylon 6/6, 94V-2
- #8 Screw Accepted

Cat No.	Length	Width	Height	Cable Tie Accepted (Inches)	Bag Qty	Master Bag Qty	Per 100
20351	.748"	.374"	.197"	.195 Wide (50#)	100	1000	
20358	.585"	.390"	.273"	.195 Wide(50#)	100	1000	
20360	.897"	.624"	.351"	.351 Wide(120#)	100	1000	

## Wall Plug Mounts



- Affix wire & cable permanently with looped cable tie
- Tap screw into pre-drilled hole
- Features concentric circle barbs for extra holding strength
- Made from UL approved Nylon 6/6, 94V-2



Cat No.	Length (L)	L1 Cable Tie Accepted	Length (L2)	Height (H)	Height (H1)	Width (W)	Bag Qty	Master Bag Qty	Per 100
20346	.38"	.23"	.37"	.96"	.24"	.24"	100	1000	
20348	.50"	.38"	.49"	1.46"	.25"	.39"	100	1000	



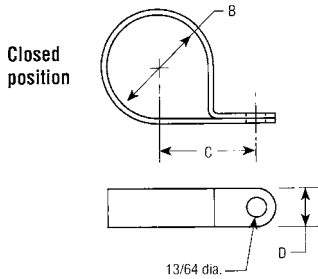
## Plastic Cable Clamps



- Secure cable, tubing, wires, fiber optics, etc.
- Used for construction, maintenance and assembly line operations
- Use in control cabinets, panels and general applications
- Molded in the open position for easy assembly
- Tough, durable, yet extremely lightweight
- Working temperature range: -66°F to 340°F (19°C to 171°C)
- Clean, smooth edges to prevent abrasion & for easy handling
- Use with #10 screw (.18") (not included)
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat No.	Closed Position B	C	Width D	Screw Hole	Bag Qty	Each Clamp
<b>Natural Color</b>						
22412	1/8"	.37	.38	.18	10	
22414	3/16"	.41	.38	.18	10	
22416	1/4"	.39	.39	.18	10	
22418	3/8"	.49	.47	.18	10	
22420	1/2"	.60	.47	.18	10	
22422	5/8"	.72	.47	.18	10	
22424	3/4"	.72	.47	.18	10	
22426	1"	.87	.47	.18	10	
22428	1 1/4"	1.03	.47	.18	10	
22430	1 1/2"	1.18	.47	.18	10	
<b>UV Black Color</b>						
22442	1/8"	.37	.38	.18	10	
22444	3/16"	.41	.38	.18	10	
22446	1/4"	.39	.39	.18	10	
22448	3/8"	.49	.47	.18	10	
22450	1/2"	.60	.47	.18	10	
22452	5/8"	.72	.47	.18	10	
22454	3/4"	.72	.47	.18	10	
22456	1"	.87	.47	.18	10	
22458	1 1/4"	1.03	.47	.18	10	
22460	1 1/2"	1.18	.47	.18	10	



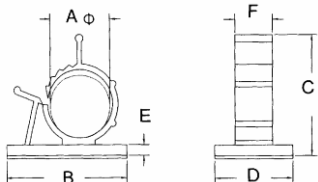
## Adjustable Cable Clamp



- Thick adhesive back for quick installation
- Designed to secure wire bundles where fixing holes are impractical
- Can be quickly applied to almost any clean, smooth & grease-free surface
- Can accommodate various cables which will save you money
- Locks securely & can be easily re-opened for routing changes
- Easy to install, open for unlimited usage
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat No.	Bundle Dia Range A	B	C	D	E	F	Bag Qty	Each Clamp
22472	.31-.41	1.00	.87	.75	.06	.40	10	
22474	.39-.49	1.25	1.09	.75	.06	.40	10	
22476	.50-.61	1.50	1.25	.75	.06	.50	10	
22478	.65-.79	1.65	1.75	1.00	.06	.50	10	
22480	.87-1.00	1.65	1.75	1.00	.06	.50	10	



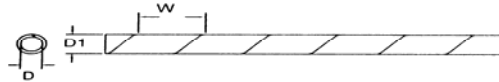


# WIRE MANAGEMENT

## Spiral Wrap



- Allows breakouts of single/multiple wires & rerouting of replacement wires
- Forms a neat, protective bundle
- Easy to use - twists on like tape
- Durable, reusable with retained spiral strength
- Cut-to-fit versatility in convenient roll form
- Made from polyethylene material
- Excellent in insulation and binding strength
- Good resistance to ordinary solvents and abrasion



Dimensions = Inches

Cat No.	Bundle Range	D	DI	W	Roll Length	Per Roll
<b>Natural Color</b>						
22010	.06 - 0.71	.06	.12	.16	33'	
22011	.16 - 1.97	.16	.24	.28	33'	
22012	.24 - 2.36	.24	.31	.43	33'	
22013	.30 - 2.36	.30	.39	.45	33'	
22014	.35 - 2.65	.35	.47	.55	33'	
22015	.47 - 2.76	.47	.59	.59	33'	
22016	.59 - 3.94	.59	.75	.72	33'	
22017	.79 - 5.12	.79	.94	.77	33'	
<b>UV Black Color</b>						
22110	.06 - 0.71	.06	.12	.16	33'	
22111	.16 - 1.97	.16	.24	.28	33'	
22112	.24 - 2.36	.24	.31	.43	33'	
22113	.30 - 2.36	.30	.39	.45	33'	
22114	.35 - 2.65	.35	.47	.55	33'	
22115	.47 - 2.76	.47	.59	.59	33'	
22116	.59 - 3.94	.59	.75	.72	33'	
22117	.79 - 5.12	.79	.94	.77	33'	

## Split Flex Tubing



- Protects and organizes wires and cables
- Constructed of polyethylene
- Corrugated for added flexibility
- Split along length for easy insertion
- Black polypropylene material

Dimensions = Inches

Cat No.	Inside Diameter	Outside Diameter	Roll Length	Box Quantity	Per Roll
22212	.29	.40	100'	30	
22214	.42	.63	100'	15	
22216	.59	.77	100'	8	
22218	.79	.94	100'	5	
22220	.98	1.18	100'	4	

# WIRE MANAGEMENT

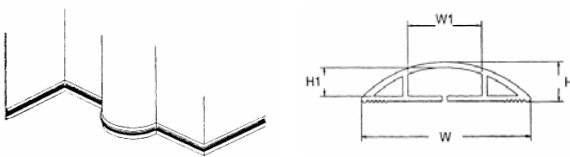
## Soft Wiring Duct



- Safe temporary or permanent enclosure of electrical cords, data cables, & other objects that present a trip hazard
- Soft PVC products, packaged in rolls for easy storage
- Cut to required length
- Supplied with double sided tape
- Length: 6'1" per pieces
- Material: PVC

Dimensions = Inches

Cat No.	Width (W)	Color	W1	H	H1	Each Piece
22612	2 1/2"	Brown	.75	.60	.43	
22614	2 1/2"	Black	.75	.60	.43	
22616	2 1/2"	Off White	.75	.60	.43	
22618	4"	Brown	1.16	.91	.61	
22620	4"	Black	1.16	.91	.61	
22622	4"	Off White	1.16	.91	.61	



## Double-Sided Adhesive Foam Tape

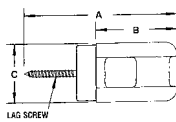


*Sticks on both sides*

- Use to affix raceway, duct, & track lighting

Cat No.	Width	Length	Each Roll
22512	.32"	165'	
22514	.51"	165'	
22516	.71"	165'	
22518	.91"	165'	
22520	1.10"	100'	

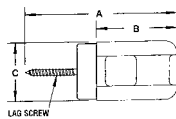
## Porcelain Wire Holders



- Wire holder has porcelain head on lag screw

Cat No.	Duty	Trade Size	A	B	C	Box Qty	Each
21892	Light	1-11/16"	2.265"	2.00"	1.375"	25	
21894	Medium	2-1/4"	4.750"	2.75"	2.250"	10	

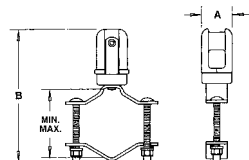
## Porcelain Wire Holders - Heavy Duty Reinforced



- Heavy duty wire holder has reinforced saddle

Cat No.	Screw Size	A	B	C	Box Qty	Each
21896	2-1/4" Lag	5.615"	3.200"	1.75"	25	

## Porcelain Wire Holders - Heavy Duty Adjustable



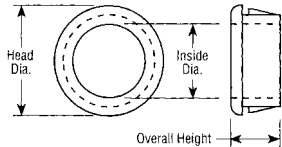
- Wire holder has a steel reinforced saddle for use with pipe or pole attachment
- Fits 1-1/4" to 3" pipe

Cat No.	Conduit Size	A	B	Min.	Max.	Box Qty	Each
21898	1-1/4" to 3"	1.875"	7.625"	1.620"	3.93"	10	



# WIRE MANAGEMENT

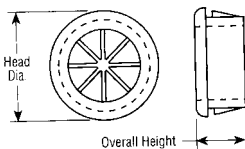
## Snap Bushings



- Eliminate sharp edges and insulate your raw-edged holes in metal chassis
  - Easily locks into hole firmly with fingertip pressure
  - Protect electrical cables, ropes, utility lines passing through metal
  - 1/8" maximum steel thickness
  - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches

Cat No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty	Each Bushing
22311	.28	.22	.34	.24	10	
22312	.31	.20	.37	.31	10	
22314	.37	.25	.47	.41	10	
22316	.50	.32	.57	.41	10	
22318	.63	.48	.73	.41	10	
22320	.75	.56	.85	.41	10	
22322	.87	.68	.94	.45	10	
22324	.99	.75	1.10	.45	10	
22326	1.17	.95	1.31	.45	10	
22328	1.50	1.14	1.62	.45	10	
22330	1.72	1.39	1.88	.46	10	

## Snap Bushings with Shutters



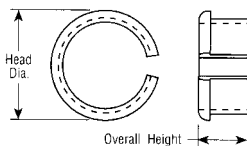
- Flexible shutters to accommodate a variety of cable & hose sizes from a minimum of 1/8" to a maximum as shown in the table
  - Shutters absorb vibration & cushion cables, tubes, etc.
  - Fingertip pressure snap-locks the bushing into the mounting hole
  - Universal design to hold various cable range with a fixed sizes
  - 1/8" maximum steel thickness
  - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches

Cat No.	Mounting Holes Diameter	Max Cable Size ID	Head Diameter	Overall Height	Bag Qty	Each Bushing
22342	.63	.44	.72	.41	10	
22344	.75	.50	.86	.39	10	
22346	.81	.50	.89	.39	10	
22348	.87	.56	.93	.45	10	
22350	1.00	.80	1.12	.44	10	
22352	1.09	.88	1.21	.44	10	
22354	1.35	1.15	1.48	.44	10	

## Snap Bushings (Open/Closed)



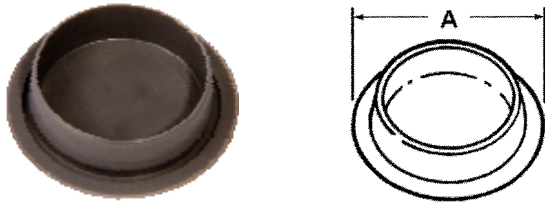
- Protect wires, tubing, etc. from sharp/uneven drilled & punched metal holes with smooth plastic chassis
  - 1/8" maximum steel thickness
  - Finger tip pressure snap-locks the bushing into the mounting hole
  - Can be applied where cables are already installed
  - Can accommodate cables too large to fit through the inside diameter of a standard bushing
  - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches



Cat No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty	Each Bushing
22362	.37	.26	.42	.375	10	
22364	.50	.31	.56	.375	10	
22366	.63	.45	.70	.375	10	
22368	.75	.52	.80	.375	10	
22370	.87	.67	.92	.375	10	
22372	1.00	.80	1.06	.375	10	

# WIRE MANAGEMENT

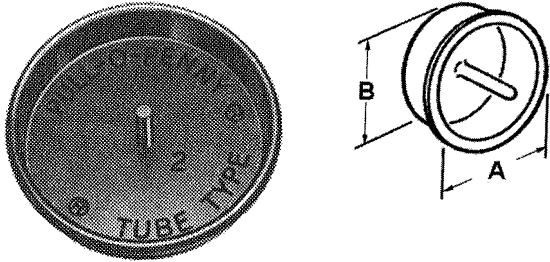
## Plastic Knockout Plugs



- To cap unused knockout holes in box or enclosure

Cat No.	Trade Size	A	Bag Qty	Each
21721	1/2"	1-1/8"	100	
21722	3/4"	1-1/4"	100	
21723	1"	1-1/2"	50	

## Plastic Pull Caps



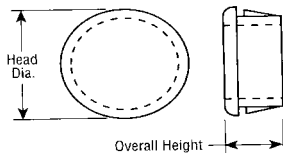
- Used for capping EMT, Rigid, and most bushings

Cat. No.	Trade Size	A	B	Box Qty	Each
21712	1/2"	11/16"	5/8"	100	
21713	3/4"	15/16"	13/16"	100	
21714	1"	1-3/16"	1-1/16"	100	
21715	1-1/4"	1-1/2"	1-3/8"	50	
21716	1-1/2"	1-3/4"	1-9/16"	25	
21717	2"	2-3/16"	2-1/16"	25	

## Hole Plugs



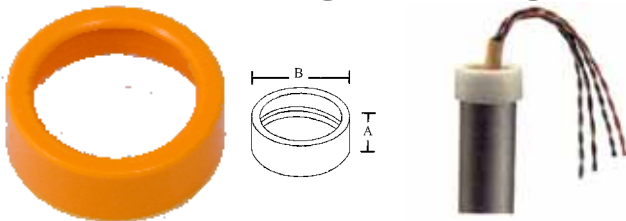
- Plug electrical knockouts with finger tip pressure
- Low cost and assure good appearance
- Less costly & safer than steel snap-in blanks
- 1/8" maximum steel thickness
- Made from UL approved Nylon 6/6, 94V-2



- Sizes listed are actual (not trade sizes)

Cat No.	Mounting Hole Diameter	Head Diameter	Overall Height	Bag Qty	Each Plug
22380	.18 (3/16")	.25"	.23"	10	
22382	.31 (5/16")	.47"	.31"	10	
22384	.37 (3/8")	.51"	.41"	10	
22386	.50 (1/2")	.67"	.41"	10	
22388	.63 (5/8")	.78"	.41"	10	
22390	.75 (3/4")	.90"	.41"	10	
22392	.87 (7/8")	.98"	.44"	10	
22394	.98 (1")	1.11"	.45"	10	
22396	1.18 (1-1/4")	1.35"	.45"	10	
22398	1.50 (1-1/2")	1.67"	.44"	10	
22400	1.75 (1-3/4")	1.93"	.44"	10	

## EMT Insulating Bushings



- EMT Insulating Bushings protect cables from abrasion by EMT
- Fast & Easy press-on installation
- Holds tight as cables are pulled
- Less expensive alternative to costly fittings when used just for wire

Cat. No.	Trade Size	A	B	Bag Qty	Each
21700	1/2"	.522	.570	100	
21701	3/4"	.538	.764	50	
21702	1"	.614	.954	25	
21703	1-1/4"	.620	1.26	25	
21704	1-1/2"	.620	1.44	25	
21705	2"	.620	1.86	20	
21706	2-1/2"	1.12	2.34	-	
21707	3"	1.19	2.78	-	
21708	3-1/2"	1.22	3.27	-	
21709	4"	1.22	3.71	-	

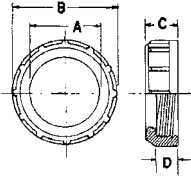
- Meets NEC Article 300-15C requirements
- Listed for use in environmental air handling spaces per 2005 NEC code requirements 300-22C
- Polyethylene rated at 90°C
- Examples: Power, Cable TV, computer datalines, telephone/modem, audio/visual, alarm and security systems





# WIRE MANAGEMENT

## Plastic Insulating Bushings

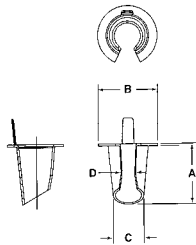


- Threaded fittings for RIGID or IMC conduit
- Thermoplastic material—heat, impact and torque resistance
- Strong reinforcing ribs & rim around bottom
- Flame retardant Polypropylene (Rated to 221°F, 105°C)
- 1/2" wide

Dimension Measurement = Inches

Cat No.	Size	A	B	C	D	Bag Qty	Each
21732	1/2"	0.593	1.063	0.390	0.343	100	
21733	3/4"	0.796	1.312	0.390	0.328	100	
21734	1"	1.000	1.562	0.562	0.468	50	
21735	1-1/4"	1.328	1.921	0.562	0.468	50	
21736	1-1/2"	1.546	2.187	0.562	0.468	50	
21737	2"	2.000	2.687	0.625	0.562	25	
21738	2-1/2"	2.406	3.187	0.671	0.718	20	
21739	3"	3.000	3.843	0.750	0.687	—	
21740	3-1/2"	3.406	4.359	0.750	0.687	—	
21741	4"	3.906	4.843	0.765	0.703	—	
21742	5"	4.921	6.375	1.000	0.843	—	
21743	6"	5.890	7.500	1.000	0.843	—	

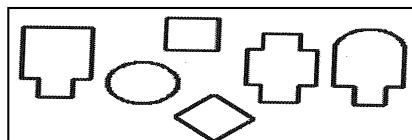
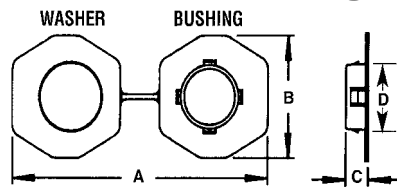
## Anti-Short Bushings



- Insulates conductor from cut armor ends on flexible BX or Greenfield conduit
- Overlapping horizontal flange protects against sharp metal edges
- Tapered design assures fast insertion
- Extra length assures positive grip
- Polypropylene material resists weather extremes, oil, moisture and chemicals
- Rated up to 194°F

Cat No.	Size	Cable Sizes	A	B	C	D	Bag Qty	Each
21752	0	14/2, 14/3, 12/2	0.56"	0.671"	0.38"	0.312"	35	
21753	1	14/4, 12/3, 6/1, 4/1	0.65"	0.671"	0.45"	0.312"	35	
21754	2	12/4, 10/2, 10/3, 2/1	0.61"	0.859"	0.58"	0.125"	35	
21755	3	10/4, 8/2, 8/3, 1/1	0.67"	1.046"	0.79"	0.109"	20	
21756	4	8/4, 6/4, 6/3, 6/2, 4/3, 4/2	0.83"	1.266"	1.00"	0.156"	16	

## Polypropylene Stud Bushings



Examples of common hole configurations in Metal studs that stud bushing protects

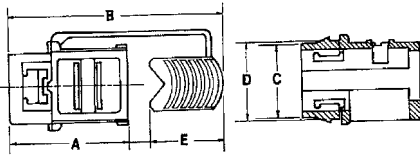


- Fit existing irregular shaped holes in metal studs
- Alleviates the need to punch holes in metal studs, weakening the structural member
- Protects wire insulation from abrasion in metal studs
- Bushing allows smooth wire pulling making a difficult job easier
- No tools needed
- Use these bushings to comply with paragraph 300-4(b)(1) of the 2005 NEC code which states that: "In both exposed & concealed locations where nonmetallic-sheathed cables pass through either factory or field punched, cut, or drilled slots or holes in metal members, the cable shall be protected by bushings or grommets covering all metal edges & securely fastened in the opening prior to installation of the cable"

Cat No.	Stud Size	A	B	C	D	Bag Qty	Each
21760	2x4	5.67"	2.50"	.505"	1.30"	25	

# WIRE MANAGEMENT

## Non-Metallic Cable Connectors - Lock Wedge Style

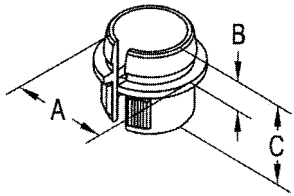


- Accommodates one or two 14-2, 14-3 and 12-2 cables, one 12-3, 10-2 and 10-3 cable, and one or two .300 inch or .600 inch diameter cords
- Push-in design with a captive lock wedge that secures cable with a single squeeze from standard electrician's pliers
- Excellent insulation and superior strain relief
- Sized to fit 1/2" knockout size



Cat No.	Size	A	B	C	D	E	Bag Qty	Case Qty	Each
21762	1/2"	1.342"	2.420"	0.834"	0.883"	0.825"	50	1000	

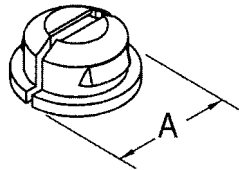
## Non-Metallic Cable Connectors - Snap Style



- Smaller and more easily installed in confined and tight areas
- No tools required
- Snap in and you're done
- Easily removed from knockouts and easy removal of Romex from connectors
- A labor saving connector with 60 pound test pull!

Cat No.	Cable Size	Size	Dim. "A"	Dim. "B"	Dim. "C"	Bag Qty	Case Qty	Each
21764	Single Cable 14/2 - 10/3 Two Cables 14/2, 12/2, 14/3	1/2"	1"	3/8"	15/16"	100	3000	

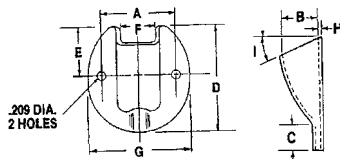
## Non-Metallic Cable Connectors - Slot Style



- Fast and easy snap in installation of single or multiple cables
- Easy to remove and reuse
- Made of non-conductive plastic

Cat. No.	Size	Cable Size	Dim. "A"	Bag Qty	Case Qty	Each
21766	1/2"	14/2 or 12/2	1-1/16"	100	5000	

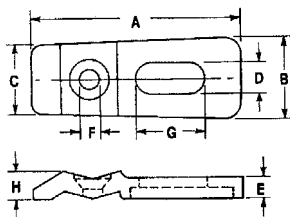
## PVC Sill Plates



- Covers service cable where it bends to enter the building for an attractive finish
- May be used on all cable sizes from three #4 to three #0
- Unaffected by seasonal temperature extremes
- Costs less than heavier metal types

Cat. No.	Wire Size	A	B	C	D	E	F	G	H	I	Box Qty	Each
21768	(3) #4 to (3) #0	2.187"	0.968"	0.750"	3.093"	1.406"	1.093"	2.968"	0.078"	25"	250	

## Clamp Back Spacers



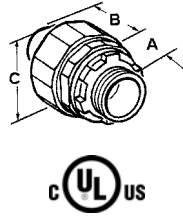
- Designed as a mounting spacer for 1/2", 3/4, and 1" sizes of Rigid steel, IMC or EMT conduit
- PVC material is impervious to environmental conditions
- Use with all types of clamps or straps

Cat. No.	Size	A	B	C	D	E	F	G	H	Box Qty	Each
21770	1/2", 3/4", 1"	2.625"	1.000"	0.812"	0.375"	0.250"	0.265"	0.875"	0.343"	25	

## Non-Metallic Liquid Tight Connectors

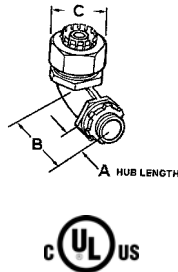
- Nylon construction, Type B, resists saltwater, gasoline, alcohol, oil and grease; UV rated for long outdoor life

### Liquid Tight Connectors Straight with Steel Locknut



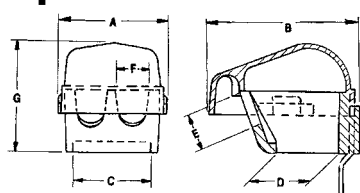
Cat No.	Nominal Size	Length (Inches)	Width (Inches)	Box Qty	Each
21812	3/8"	1.4375	2.3125	100	
21813	1/2"	1.6250	2.500	100	
21814	3/4"	1.9375	2.8125	100	
21815	1"	2.2500	3.4375	50	
21816	1-1/4"	2.6875	4.2500	50	
21817	1-1/2"	3.1250	4.6875	50	
21818	2"	3.6250	5.3125	20	

### Liquid Tight Connectors 90° with Steel Locknut



Cat No.	Nominal Size	Length (Inches)	Width (Inches)	Box Qty	Each
21822	3/8"	2.1600	0.83	100	
21823	1/2"	2.1600	0.83	100	
21824	3/4"	2.5700	0.95	100	
21825	1"	3.2200	1.12	50	
21826	1-1/4"	3.8700	1.45	20	
21827	1-1/2"	4.3300	1.53	20	
21828	2"	5.3500	1.86	10	

## PVC Entrance Caps

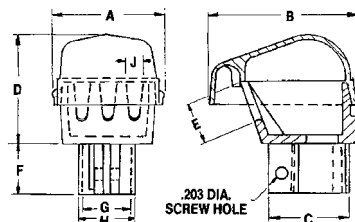


- Accommodates 3-conductor #8 AWG to 3-conductor 4/0 AWG cables
- Rigid, weather-resistant material assembled with a galvanized back plate for easy installation

Dimension Measurement = Inches



Cat No.	Size	Cable Size	A	B	C	D	E	F	G	Box Qty	Each
21772	Small	#8, 6, 4, 2	2.000	2.718	1.343	1.125	0.687	0.531	1.968	200	
21773	Medium	#0, 00	3.031	4.031	1.750	1.375	1.125	0.687	2.875	72	
21774	Large	#000, 0000	3.031	4.031	2.125	1.625	1.125	0.687	2.875	72	



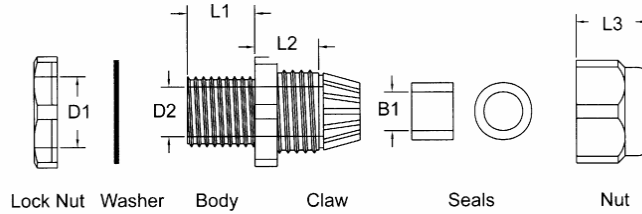
- Entrance head for mounting on PVC, RIGID, IMC and EMT conduit (Red adaptor included for EMT)
- Rugged plastic design is resistant to adverse weather conditons
- Provides 50% more wire room than other entrance heads
- Entire head acts as an insulator of high dielectric strength

Dimension Measurement = Inches



Cat No.	Size	A	B	C	D	E	F	G	H	J	Box Qty	Each
21782	1/2"	2.000	2.718	1.500	1.968	0.687	0.937	0.855	2.609	0.312	200	
21783	3/4"	2.406	2.296	1.718	2.234	0.812	0.937	1.065	1.250	0.437	140	
21784	1"	2.406	2.296	1.968	2.234	0.812	1.125	1.330	1.312	0.437	140	
21785	1-1/4"	3.031	4.031	2.343	2.656	0.875	1.093	1.675	1.890	0.531	75	
21786	1-1/2"	3.500	4.031	2.593	2.625	0.875	1.125	1.915	2.125	0.625	75	
21787	2"	4.531	6.312	3.375	3.812	1.437	1.625	2.390	2.687	0.750	20	

## Nylon Cable Glands

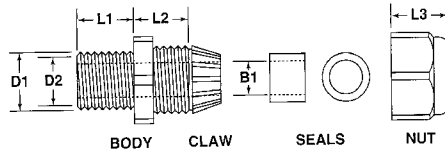


- Simply push the cable through the liquid tight nylon strain relief & tighten nut for quick installation
- Threads into your panel or for clearance, locknut included
- Internal ratchet provides self-locking against vibration
- 'Collet' design of body accommodates various size cords, cables, tubing, etc.
- Seal & clamp system allows the cord connector to tighten in a circular sequence on the sealing ring to give outstanding strain relief without twisting or damaging the cable
- Nylon body material is resistant to most common chemicals & solvents
- For best results, use the minimum size that fits into your cable
- No disassembly required
- Made of UL approved NYLON 66, 94V-2 (Black), 22534-22542 UR Listed
- Weatherproof
- Does not have NPT threading

Dimensions = Inches

Cat No.	Mounting Hole D1	Cable Range	(MM)	D2	B1	L1	L2	L3	Bag Qty	Each Piece
22532	.47	.12-.26	1.25	.33	.24	.31	.48	.52	10	
22534	.63	.20-.39	1.50	.43	.38	.62	.57	.66	10	
22536	.79	.39-.55	1.50	.58	.51	.59	.78	.72	10	
22538	.98	.51-.71	1.50	.73	.65	.59	.74	.88	10	
22540	1.26	.71-.98	1.50	1.02	.92	.58	.80	1.03	10	
22542	1.57	.87-1.26	1.50	1.30	1.20	.70	.92	1.24	10	
22544	1.97	1.18-1.50	1.50	1.62	1.50	.68	1.01	1.24	10	
22546	2.40	1.34-1.73	1.50	2.13	1.73	.73	1.06	1.28	10	
22548	2.48	1.65-1.97	1.50	2.20	1.95	1.00	1.16	1.43	10	

## Nylon Cable Glands NPT Thread



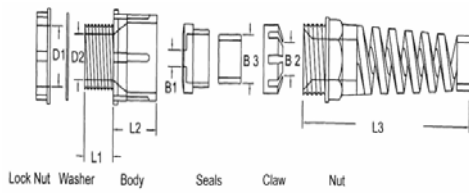
- Screw into NPT Thread
- Watertight
- Easy to assemble
- Good strain relief
- Wide clamping range
- Multi-purpose application
- Color: Black
- Made of UL approved NYLON 66, 94V-2 (Black)

Cat No.	NPT Thread	Cable Range	D1	D2	B1	L1	L2	L3	Bag Qty	Master Bag Qty	Each Piece
22550	1/4"	0.118" - 0.256"	0.520	0.327"	0.236"	0.299"	0.500"	0.520"	10	100	
22551	3/8"	0.197" - 0.394"	0.646	0.421"	0.354"	0.575"	0.539"	0.661"	10	100	
22552	1/2"	0.394" - 0.551"	0.815	0.587"	0.500"	0.492"	0.740"	0.724"	10	100	
22553	3/4"	0.512" - 0.709"	1.008	0.728"	0.650"	0.575"	0.701"	0.878"	10	100	
22554	1"	0.709" - 0.984"	1.299	1.024"	0.933"	0.579"	0.811"	1.071"	10	100	
22555	1-1/4"	0.866" - 1.260"	1.642	1.260"	1.142"	0.705"	0.882"	1.236"	10	100	



# WIRE MANAGEMENT

## Nylon Cable Glands (with strain relief)

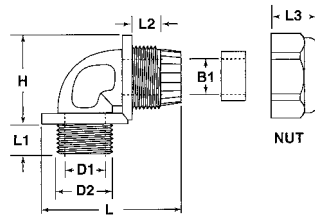


Dimensions = Inches

- Same features as Non NPT Cable Gland
- Strain relief design protects cable from breakage/right angle bending
- Does not have NPT threading
- Locknut included
- Made of UL approved NYLON 66, 94V-2 (Black)
- 22564-22568 UR Listed

Cat No.	Cable Range	Mounting Hole D1	Pitch	D2	B1	L1	L2	L3	Bag Qty	Each Piece
22562	.12-.26	.47	1.25	.33	.24	.31	.48	.52	10	
22564	.20-.39	.63	1.50	.43	.38	.62	.57	.66	10	
22566	.39-.55	.79	1.50	.58	.51	.59	.78	.72	10	
22568	.51-.71	.98	1.50	.73	.65	.59	.74	.88	10	

## Right Angle Nylon Cable Glands NPT Thread



Dimensions = Inches

- Same features as Nylon Cable Gland NPT Thread
- 90° design protects cable from breakage
- NPT Threading (National Pipe Thread)
- Made of UL approved NYLON 66, 94V-2 (Black)

Cat No.	NPT Thread	Cable Range	Mounting Hole D1	D2	B1	L1	L2	L3	L	H	Bag Qty	Each Piece
22582	NPT 3/8"	.02-.35	.65	.47	.37	.46	.39	.66	1.91	1.18	10	
22584	NPT 1/2"	.39-.51	.83	.55	.51	.58	.46	.72	2.03	1.23	10	
22586	NPT 3/4"	.51-.63	1.04	.76	.65	.58	.49	.88	2.54	1.64	10	
22588	NPT 1 1/4"	.87-1.14	1.64	1.24	1.15	.74	.64	1.22	3.35	2.09	10	

## Alligator Test Clips



Figure 1  
Molded Handle  
Screw Type



Figure 2  
Flexible Vinyl Molded  
Insulator Crimp Type



FIGURE 3  
Flexible Vinyl Molded  
Insulator Screw Type

- Versatile Steel Clips
- Rated: 10 Amp
- Nickel Plated
- Precision Mesh Jaws

No.	Color	Fig	Clip Length	Jaw Opening	Bag Qty	Master Bag Qty	Each Clip
17320	Red	1	2"	5/16"	10	100	
17330	Black	1	2"	5/16"	10	100	
17335	Red	2	1 11/16"	5/16"	10	100	
17337	Black	2	1 11/16"	5/16"	10	100	
17340	Red	3	1 11/16"	7/16"	10	100	
17350	Black	3	1 11/16"	7/16"	10	100	

## Insulated Battery Clamps



- For battery, battery charger and testing equipment applications
- Handle grips are insulated and color-coded for easy identification
- Steel material, crimp/solder wire attachment

No.	Color	Amp	Clip Length	Jaw Opening	Bag Qty	Master Bag Qty	Each Clamp
17352	Red	10	3"	1-3/16"	2	10	
17354	Black	10	3"	1-3/16"	2	10	
17362	Red	50	4"	1-3/8"	2	10	
17364	Black	50	4"	1-3/8"	2	10	



# WIRE MANAGEMENT

## Plastic Cable Clips



Dimension Measurement = Inches

- Impact resistant non-corrosive
- Complete with corrosion resistant hardened steel nails for securing cable to wood, cement, plaster, brick, etc.
- Nail heads are recessed for minimum exposure
- Smooth saddle prevents damage to insulation
- High-grade injection-molded polyethylene
- Resists rot, rust and the effects of temperature extremes

Cat No.	For Wire Sizes	Color	W x Ht x Ht (inside)	Bag Qty	Master Bag	Per 100
35000	2 Nail 12/2 & 14/2 Romex & UF (1/2" wide)	White	.49 x .31 x .21	100	1000	
35001	2 Nail 10/2 Romex & UF (3/4" wide)	White	.74 x .31 x .21	100	1000	
35002	12/2 & 14/2 Romex & UF	White	.39 x .39 x .26	100	1000	
35004	14/3 Romex	Gray	.31 x .51 x .32	100	1000	
35006	10/3 & 12/3 Romex	Gray	.43 x .65 x .48	100	1000	
35008	RG 59 Coax Cable, CAT 5 UTP 4 Pair	Gray	.24 x .35 x .26	100	1000	
35010	RG 6 Coax Cable	Gray	.28 x .43 x .30	100	1000	
35012	4 Conductor Telephone Wire	Gray	.14 x .23 x .15	100	1000	
35014	Small cords such as lamp, thermostat, speaker & phone	White	.24 x .25 x .15	100	1000	

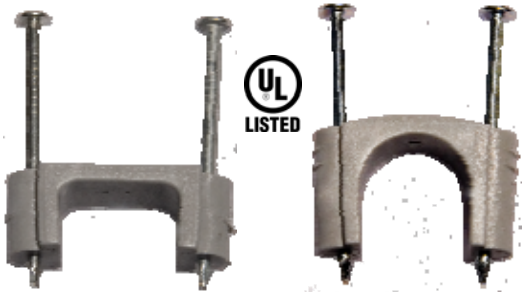
## Plastic Stacking Staples



- Plastic insulated staples quickly and easily secure vertical stacks of non-metallic cable
- Electro-zinc plated nails provide strength and durability
- Smooth saddles prevent damage to insulation
- UV-protected Polyethylene saddle resists rot, rust and deterioration
- 1/2" wide, white color

Cat. No.	Cable Size	Bag Qty	Case Qty	Per 100
35016	(2) 14/2 & 12/2	50	500	
35018	(3) 14/2 & 12/2	50	500	
35020	(4) 14/2 & 12/2	50	500	

## Service Entrance Cable Straps



- Plastic insulated straps quickly and easily secure service entrance cable
- Electro-zinc plated nails provide strength and durability
- Stabilized against UV rays and extreme cold; withstand deterioration and breakage
- Smooth saddles prevent damage to insulation, Polyethylene material

Cat. No.	Cable Size	Bag Qty	Case Qty	Per 100
35022	#6 & #8 SEU	50	500	
35024	#2 SEU	25	250	
35026	4/0 SEU	25	250	
35028	#6 SER & 1/2" EMT	50	500	
35030	#2 SER & 3/4" EMT	25	250	
35032	2/0 SER	25	250	
35034	4/0 SER	25	250	

## Two Hole PVC Pipe Straps



- For Plastic Conduit Schedule 40 PVC
- Heavy Duty Polythene resists deterioration from UV rays and breakage from extreme cold

No.	Size	Box Qty	Each Strap
19490	1/2"	100	
19492	3/4"	100	
19494	1"	100	
19496	1-1/4"	50	
19498	1-1/2"	50	
19500	2"	50	
19501	2-1/2"	25	
19502	3"	25	
19503	4"	25	



# WIRE MANAGEMENT

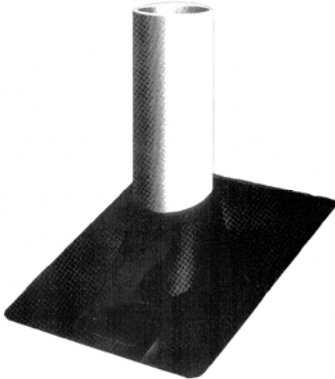
## Galvanized Self-Seal Roof Flashings



- Slips easily over vent pipe - self-sealing to vent pipe surface
- Self-sealing elastomeric collar attached to a base of heavy gage aluminum
- Collar will not crack, chip, peel or separate from aluminum
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	Box Qty	Each
G11830	1/2" - 1"	12	
G12201	1-1/4" - 1-1/2"	12	
G12202	2"	12	
G12203	3"	12	
G12204	4"	12	

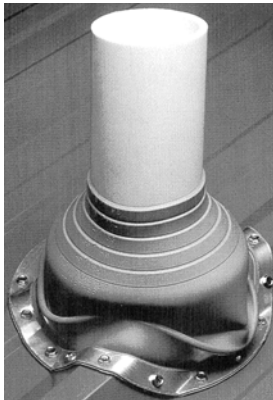
## Rubber Flexible Flashings



- Rubber seizes the vent pipe with a locking grip preventing leakage entirely
- One piece construction molded from military grade elastomer assures long life & all weather protection - will not crack, chip or peel; oil, ozone & sunlight (UV) resistant
- Highly adaptable product installs quickly & easily & adjusts to wide range of roof pitches, contours & surfaces
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	Box Qty	Each
G30101	1-1/4" - 1-1/2"	12	
G30102	2"	12	
G14025	2-1/2"	12	
G30103	3"	12	
G30104	4"	12	

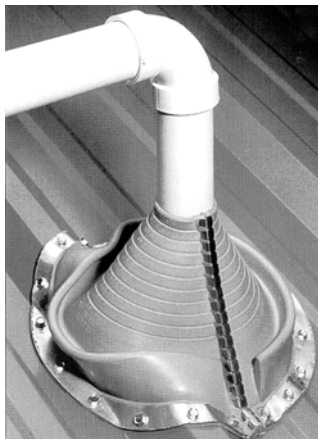
## Metal Roof Flashings



- Attaches to most decks, aluminum, copper, lead, plastic, fiberglass, etc.
- Applications include plumbing, heating & air conditioning pipes & vents, electrical service entrances, etc.
- Flexible, weather resistant E.P.D.M. resists ozone & UV light
- Pleated cone adjusts to any roof pitch & allows for complete flexibility
- Effectively isolates the pipe from the building movement created by expansion, contraction & vibration
- -30°F - 250°F continuous service temperature range
- Compatible with pipes of steel, PVC, copper & sheet metal

Cat No.	Outside Diameter of Pipe to be Flashed	Base Diameter	Height	Each
G14741	1/4" - 2"	4-3/4"	3"	
G14743	1/4" - 4"	7-3/4"	4"	

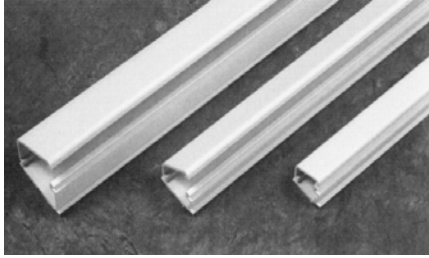
## Retrofit Roof Flashings



- Designed for applications where continuous pipes or obstructions prevent the use of standard flashings
- Easily installed by wrapping around existing pipe & fastening down onto roof deck
- The pliable cone & stainless steel closure can easily be trimmed to the exact diameter of pipe to be flashed
- Unique stainless steel closure effectively resists corrosion & provides a positive weatherproof seal
- Corrosion-resistant aluminum base can be easily shaped to conform to most roof profiles
- Made of flexible, weatherproof E.P.D.M. rubber
- Insulates the pipe from building movement caused by expansion, contraction, & vibration
- -30°F - 250°F continuous service temperature range
- Pipe diameter markings on the flexible cone in inches & millimeters

Cat No.	Outside Diameter of Pipe to be Flashed	Base Diameter	Height	Each
G14751	1/4" - 2"	4-3/4"	3"	
G14752	1/4" - 4"	7-3/4"	4"	

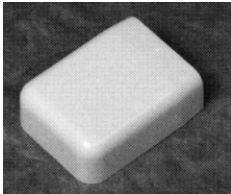
## 1 Piece PVC Latching Raceways



- One piece with flexible hinge connecting base and cover
- 10 Joint Couplings in each box at no charge allows you to make 8' pieces
- Comes with pre-applied foam tape adhesive backing
- Highly flexible hinge allows raceway to open & close repeatedly without cracking
- Self locking latch
- Cat 5E/6 compliant fittings with 1" bend radius thus maintaining end to end connectivity even when filled to capacity or pulled through the raceway
- UL 94V-O flame resistant, 600 volt power rated

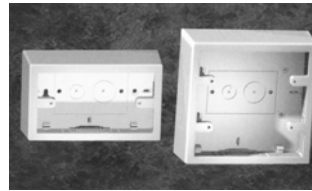
Sold Only  
In Box  
Quantity

Cat No.	Size	Color	Width	Height	Plastic Thickness	Tape Width	Pieces Per Box	Couplings Per Box	Each Piece
22712	3/4" x 1/2" x 4'	White	0.760	0.505	0.050	0.500	20	10	
22716	3/4" x 1/2" x 4'	Ivory	0.760	0.505	0.050	0.500	20	10	
22718	1" x 1/2" x 4'	White	1.010	0.505	0.050	0.750	20	10	
22722	1" x 1/2" x 4'	Ivory	1.010	0.505	0.050	0.750	20	10	
22724	1-1/2 x 3/4" x 4'	White	1.500	0.755	0.050	1.000	20	10	
22728	1-1/2 x 3/4" x 4'	Ivory	1.500	0.755	0.050	1.000	20	10	



### End Cap & Reducer

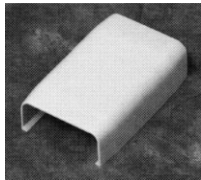
Cat No.	Size	Reduces To	Color	Pieces Per Bag	Each Piece
22732	3/4"		White	10	
22736	3/4"		Ivory	10	
22738	1"	3/4"	White	10	
22742	1"	3/4"	Ivory	10	
22744	1 1/2"	3/4" or 1"	White	10	
22748	1 1/2"	3/4" or 1"	Ivory	10	



### Junction Box

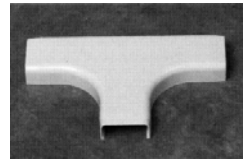
- 2.95" Insert Clearance

Cat No.	Description	Color	Each Piece
22752	1 Gang Deep Box	White	
22756	1 Gang Deep Box	Ivory	
22758	2 Gang Deep Box	White	
22762	2 Gang Deep Box	Ivory	



### Splice/Joint Cover

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22772	3/4"	White	10	
22776	3/4"	Ivory	10	
22778	1"	White	10	
22782	1"	Ivory	10	
22784	1-1/2"	White	10	
22788	1-1/2"	Ivory	10	

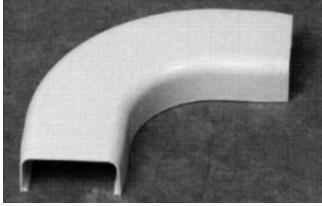


### 3 Way Tee

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22812	3/4"	White	10	
22816	3/4"	Ivory	10	
22818	1"	White	10	
22822	1"	Ivory	10	
22824	1-1/2"	White	10	
22828	1-1/2"	Ivory	10	

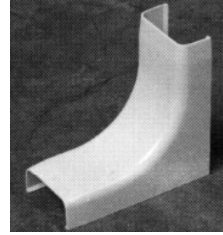


# WIRE MANAGEMENT



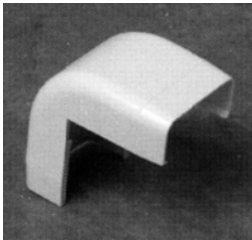
**90° Flat Elbow**

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22832	3/4"	White	10	
22836	3/4"	Ivory	10	
22838	1"	White	10	
22842	1"	Ivory	10	
22844	1-1/2"	White	10	
22848	1-1/2"	Ivory	10	



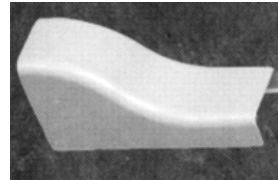
**Inside Corner**

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22852	3/4"	White	10	
22856	3/4"	Ivory	10	
22858	1"	White	10	
22862	1"	Ivory	10	
22864	1-1/2"	White	10	
22868	1-1/2"	Ivory	10	



**Outside Corner**

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22872	3/4"	White	10	
22876	3/4"	Ivory	10	
22878	1"	White	10	
22882	1"	Ivory	10	
22884	1-1/2"	White	10	
22888	1-1/2"	Ivory	10	



**Ceiling Entry**

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22952	3/4"	White	10	
22956	3/4"	Ivory	10	
22958	1"	White	10	
22962	1"	Ivory	10	
22964	1-1/2"	White	10	
22968	1-1/2"	Ivory	10	

## PVC Latching Duct Cable Management Kit

3 Channels, 2 flat elbows, 1 inside elbow, 1 outside elbow, 1 T-fitting, 2 couplings-all parts made of UL 94-VO compliant, flame resistant PVC. Holds, guides, protects wires up to 600 volts. Comes with pre-applied self-adhesive tape.



Sold Only  
In Box  
Quantity

Sold Only  
In Box  
Quantity

Cat No.	Description	Color	Kits Per box	Each Kit
22682	3/4" X 1/2" X 4' Raceway Kit	White	10	
22686	3/4" X 1/2" X 4' Raceway Kit	Ivory	10	
22688	1" X 1/2" X 4' Raceway Kit	White	10	
22692	1" X 1/2" X 4' Raceway Kit	Ivory	10	

## Wire Marker Booklets



- Pocket-sized booklet of Self-Adhesive wire markers and matching terminal markers
- 450 Wire Markers
- Save time and money on site and in-plant initial hook up, troubleshooting, maintenance, and repairs.
- Cloth material has a better initial adhesion
- Assures durability and minimizes the potential of tearing.
- Oil ,water and abrasion resistant
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat No.	Material	Std Marking	Markers Per Each Legend	Bag Qty	Each Book
21252	Tyvek	0-9	45	10	
21253	Cloth	0-9	45	10	
21254	Tyvek	1-45	10	10	
21257	Cloth	1-45	10	10	
21255	Tyvek	46-90	10	10	
21258	Cloth	46-90	10	10	
21256	Tyvek	A-Z,0-15,+/-	10	10	
21260	Cloth	A-Z,0-15,+/-	10	10	
21262	Cloth	1,2,3,	150	10	
21264	Cloth	A,B,C	150	10	
21266	Cloth	T <sub>1</sub> ,T <sub>2</sub> ,T <sub>3</sub>	150	10	
21268	Cloth	L <sub>1</sub> ,L <sub>2</sub> ,L <sub>3</sub>	150	10	
21270	Cloth	10 nema colors	45	10	
21272	Cloth	+, -,AC, DC, pos, neg, grd, neut, spare, blank	45 33 27 21	10	
21274	Cloth	Burglar Alarm	Various Markings	10	
21276	Cloth	Fire Alarm	Various Markings	10	
21278	Cloth	Circuit Breaker	79 legends + 11 blank Kitchen, Outlets, Range, Bath, Lights, Dryer, etc.	10	

## Write and Wrap Dispensers & Booklets



- Pocket sized disposable
- Contains a roll of pre-cut self laminating wire markers
- Each marker has a white area available for legend inscription using a pen or pencil
- After marking, simply pull back on the marker liner and the marker is dispensed
- On application the transparent portion of the clear vinyl marker wraps around itself to protect the write on area
- The adhesive is an aggressive acrylic that is impervious to oil and water
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat No.	Type	Label Width	Label Length	Write Area	Markers Per Dispenser or Booklet	Each
21232	Dispenser	3/4"	1-1/4"	3/4" x 5/16"	300	
21234	Dispenser	3/4"	1-7/8"	3/4" x 1/2"	150	
21236	Book	3/4"	1-5/8"	3/4" x 5/8"	120	
21238	Book	1"	2-1/2"	1" x 3/4"	60	





# WIRE MANAGEMENT

## Wire Marker Dispensers



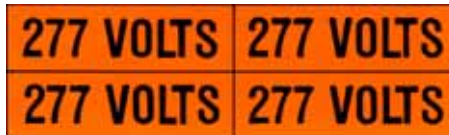
- Compact, carry-along dispenser with 10 refillable compartments that hold 8 foot rolls of tyvek tape numbered 0-9
- Each roll contains 76 pre-cut markers 1/4" x 1 1/4" length
- Clear black legend
- Oil, water and abrasion resistant
- Acrylic adhesive
- Service temperature from -40°F to +200°F (-40°C to +93°C)

Cat No.	Description	Box Qty	Each Dispenser/ Set of 10 Rolls
21210	Preloaded dispenser with legends 0-9	5 Dispensers	
21220	Set of 10 Refill rolls with legends 0-9	5 Sets (50) Rolls	
21221	Set of 10 Refill rolls with legend 1	5 Sets (50) Rolls	
21222	Set of 10 Refill rolls with legend 2	5 Sets (50) Rolls	
21223	Set of 10 Refill rolls with legend 3	5 Sets (50) Rolls	
21224	Set of 10 Refill rolls with legend 4	5 Sets (50) Rolls	
21225	Set of 10 Refill rolls with legend 5	5 Sets (50) Rolls	
21226	Set of 10 Refill rolls with legend 6	5 Sets (50) Rolls	
21227	Set of 10 Refill rolls with legend 7	5 Sets (50) Rolls	
21228	Set of 10 Refill rolls with legend 8	5 Sets (50) Rolls	
21229	Set of 10 Refill rolls with legend 9	5 Sets (50) Rolls	
21230	Set of 10 Refill rolls with legend 0	5 Sets (50) Rolls	

## Voltage Markers



**STYLE A — 1 Per Card**  
2 1/4" X 9"



**STYLE B — 4 Per Card**  
1 1/4" X 4.5"



**STYLE C — 18 Per Card**  
1/2" X 2 1/4"

- Identify voltage, conduit, electrical components, etc.
- Tough and permanent, they resist abrasion, oil, grease, moisture, chemicals and extreme high and low temperatures
- Bold black copy on bright orange background is the accepted color for this type of identification
- Voltage markers can be used on all sizes of conduit, panels, transformers, switchgear, controls and many other types of electrical equipment
- The permanent acrylic adhesive bonds firmly to most clean surfaces

Cat No.	Legend	Markers Per Card	Cards Per Bag	Each Card
21312	120V	1	5	
21314	120V	4	5	
21316	120V	18	5	
21318	120/208V	1	5	
21320	120/208V	4	5	
21322	120/208V	18	5	
21324	208V	1	5	
21326	208V	4	5	
21328	208V	18	5	
21330	220V	1	5	
21332	220V	4	5	
21334	220V	18	5	
21336	277V	1	5	
21338	277V	4	5	
21340	277V	18	5	

Cat No.	Legend	Markers Per Card	Cards Per Bag	Each Card
21352	230V	1	5	
21354	230V	4	5	
21356	230V	18	5	
21358	240V	1	5	
21360	240V	4	5	
21362	240V	18	5	
21364	460V	1	5	
21366	460V	4	5	
21368	460V	18	5	
21370	480V	1	5	
21372	480V	4	5	
21374	480V	18	5	
21376	Three Phase	1	5	
21378	Three Phase	4	5	
21380	Three Phase	18	5	

# WIRE MANAGEMENT

## Safety Signs



- Identify hazards & reduce the possibility of serious injury
- 4 Sizes 10" x 14", "14" x 10", 7" x 10", 7" x 5"
- Adhesive backed
- Outdoor vinyl grade
- Outdoor durability
- UV resistant characteristics
- 25 Signs per master bag

Cat No.	Type	Legend	Size (HxW)	Each Sign
21412	Notice	Authorized Personnel Only	10"x14"	
21414	Notice	No Smoking	10"x14"	
21416	Notice	In Accordance with OSHA... (See * below)	10"x14"	
21418	Danger	Cable Buried Here	10"x14"	
21420	Danger	Keep Out	10"x14"	
21422	Caution	Area In front of Electrical Panel Must Be Kept Clear for 36" OSHA-NEC Regulations	7"x10"	
21424	Danger	Authorized Personnel Only	10"x14"	
21426	Danger	Buried Cable High Voltage	10"x14"	
21428	Danger	High Voltage	10"x14"	
21429	Danger	High Voltage	7"x10"	
21430	Danger	High Voltage Keep Out	10"x14"	
21432	Caution	Lock Out Equipment Before Servicing	7"x10"	
21434	Danger	No Smoking	14"x10"	
21436	Danger	Eye Protection Required	14"x10"	
21438	Danger	Arc Flash Hazard	7"x5"	
<b>Bilingual Signs</b>				
21440	Danger	High Voltage	14"x10"	
21442	Danger	High Voltage Do Keep Out	14"x10"	
21444	Danger	Lock Out Before Working on Equipment	10"x14"	
21446	Danger	No Smoking	14"x10"	

\* 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.

## Lockout Tags



- Lockout tags warn of Hazard in and around Machinery, Equipment, Valves, etc.
- Made of rigid 15 mil vinyl with 7/16" brass grommet
- Easy to write on with permanent marker
- Moisture and mildew resistant for outdoor use
- Each durable long lasting tag is 5-3/4 x 3"
- Available in standard packs of 5 tags

Cat No.	Legend	Tags Per Bag	Each Tag
21512	Do Not Operate	5	
21514	Do Not Operate (w/clear photo flap)	5	
21516	Do Not Open	5	
21518	Do Not Close	5	
21520	Do Not Start	5	
21522	Do Not Throw Switch	5	
21524	Do Not Energize	5	
21526	Do Not Energize (w/clear photo flap)	5	
21528	Equipment Locked Out (with stripes)	5	
21530	Men Working on Machinery (Bilingual)	5	



# WIRE MANAGEMENT

## Lockout Stations



Locks, Hasps & Tags not included - order separately

- Lockout Stations serve as a convenient distribution point for lockout components; locks, tags, and hasps
- Built for most demanding conditions
- Highly visible yellow stations are easy to locate
- Made of pre-drilled durable PVC foam board
- May be purchased with or without compliance components
- Locks, Hasps & Tags not included - order separately

Cat No.	Description	Board Size	Each
21612	4 Lock, Lockout center, Empty	9" x 12"	
21614	10 Lock, Lockout center, Empty	12" x 19"	
21616	20 Lock, Lockout center, Empty	24" x 19"	

## Padlocks



- Solid Anodized Aluminum
- Lock Body measures 1-1/2" wide x 3/4" thick x 1-13/16" high
- Chrome plated hardened steel shackle is 1/4" dia x 1" vertical clearance x 25/32" horizontal clearance
- Double Ball Bearing Locking Mechanism
- Re-keyable 5 pin brass cylinder and anti-pick pinning
- Each lock comes with 2 keys
- Complies with OSHA Rule (1910.147) for Safety Lockout Guards Against Accidental Start-Up Injuries

### Padlocks Keyed Different

Cat No.	Color	Box Qty	Each
21632	Blue	5	
21634	Black	5	
21636	Brown	5	
21638	Red	5	
21640	Green	5	
21642	Gold	5	

### Padlocks Keyed Alike Each Color Is Keyed The Same

Cat No.	Color	Box Qty	Each
21652	Blue	5	
21654	Black	5	
21656	Brown	5	
21658	Red	5	
21660	Green	5	
21662	Gold	5	

### Padlocks Keyed Different Accepts Master Key \*Master Key Sold Separately

Cat No.	Color	Box Qty	Each
21672	Blue	5	
21674	Black	5	
21676	Brown	5	
21678	Red	5	
21680	Green	5	
21682	Gold	5	
21683	Master Key	1	

## Lock Labels



- 3/4" x 4-7/16" vinyl labels with clear protective covers
- Labels are an easy way to identify employee's locks
- Permanent pressure-sensitive adhesive
- Write on labels with ballpoint marker pen or typewriter

Cat. No.	Color	Qty Per Pack	Per Pack
21582	Blue	10	
21584	Orange	10	
21586	Black	10	
21588	Green	10	
21590	Red	10	

## Hasps



- Accepts padlocks up to 3/8" shackle diameter
- Manufactured from 12 gauge steel
- .060 malleable steel plate for maximum security
- Red plastic coating for visibility
- Multiple party lockouts with same device
- Solid Steel U Bolt

- Protection for electric, gas, water, steam, acid & pneumatic control units & levers
- Prevents engagement of circuit breaker boxes & disconnect switches
- Allow up to 6 workers to lock out a single energy source
- Superior resistance to rust and added dielectric strength

Cat No.	Size	Box Qty	Each
21694	1"	10	
21696	1 1/2"	10	



# WIRE MANAGEMENT

## Fire Stop Caulking Compound for Commercial & Residential



*Intumescent Fire, Smoke & Draft Stop Sealant Fireblock*

- ASTM E-84 0 Flame & 0 Smoke Certified
- ASTM E-136 Residential Use Certified
- ASTM E-814 Commercial Use Compatible
- Meet Fire/Draft/Smoke criteria for BOCA – CABO – UPC – SBCC/IRC
- Non-Combustible - does not burn
- For Commercial Building
- For Residential Building
- Tested at 3000°F for 8 hours
- Expands when heated
- 1 year shelf life
- Red Color
- Intumescent – expands up to 250 percent its original size
- Unaffected by freeze/thaw
- Water resistant
- Use for interior applications
- Zero VOC's
- Adhesion to almost any surface
- Non-Corrosive & Non-Combustible
- Non-Toxic Environmentally safe
- Odorless
- Water based, Paintable
- Easy gunability
- cULus listed

*Morris Fire Stop is  
Fireproof  
Other brands are only  
Fire Retardant*

Cat No.	Description	Case Qty	Each Tube
67090	10.5 oz. Tube	12	
99982	29oz. Tube	12	
99984	1 Gallon pail	1	
99986	5 Gallon pail	1	

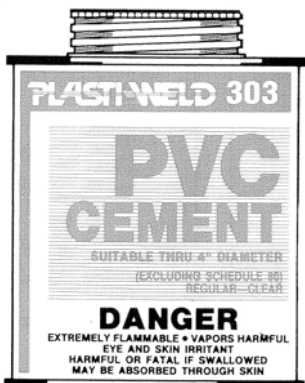
## Silicone Sealant



- Seals electrical components & provides weather-tight closure for electrical boxes & exterior fixtures
- Acetic cure anti-fungus sealant suitable for construction & household repairs
- Exhibits an excellent sealing and adhesion to glass, tiles, ceramics, fiberglass, aluminum, non-oily wood, painted surfaces, plastic & other non-porous materials
- Protect & seal, waterproof & flexible indoors & outdoors
- Fills voids & irregularities. Not paintable
- 10.3oz Tubes
- RTV 100% Silicone, flexible from -60°F to 450°F, 20°F min dispensing temp.

Cat No.	Color	Case Qty	Each Tube
99912	Clear	12	
99916	White	12	
99914	Black	12	

## PVC Solvent Cement & Primer



- Clear Regular Body up to 4" Schedule 40, fast curing speed
- Clear Medium Body up to 6" Schedule 80, medium curing speed
- Clear Cold Weather Medium Body up to 6" Schedule 80, medium curing speed
- Purple Primer suitable for all conduit sizes

Cat No.	Description	Size	Case Qty	Each
G30356S	Regular Body	1/2 Pint	24	
G30346S	Regular Body	Pint	24	
G30336S	Regular Body	Quart	12	
G40456S	Medium Body	1/2 Pint	24	
G40446S	Medium Body	Pint	24	
G40436S	Medium Body	Quart	12	
G2656S	Cold Weather Medium Body 0°F	1/2 Pint	24	
G2646S	Cold Weather Medium Body 0°F	Pint	24	
G2636S	Cold Weather Medium Body 0°F	Quart	12	
G90346S	Primer (Purple Color)	Pint	24	
G90336S	Primer (Purple Color)	Quart	12	





# WIRE MANAGEMENT

## Wire Pulling Lubricant - Wax Based



- Provides superior lubricity
- Creamy texture applies easily and uniformly
- Clings to cable throughout long pulls
- Will not separate after freezing 25°F (-4°C) or at temperatures up to 200°F (93°C)
- Environmentally safe, non-toxic, non-flammable and non-corrosive
- Easy clean up
- Suitable for use with wire or cable insulated with rubber (R, RH, ETC.), neoprene, nylon, and PVC plastics (T, TW, THW, THHN, ETC.), high density polyethylene and cross linked polyethylene (XLP)
- It is not recommended for use on asbestos or low density

Cat No.	Size	Case Qty	Each
99920	Quart	12	
99922	Gallon	4	
99924	5 Gallon	1	

## Power Glide Wire Pulling Lubricant - Water Based Gel



- Exceptional Lubricity for long, fast and high-temperature cable pulls
- Compatible with all Cable types - fiber optic, datacom, & electrical
- Non-corrosive, non-hazardous & non-flammable
- Apply by hand, brush or pump - easily diluted with water for custom applications in the field
- Human & environmentally safe - no gloves or eye protection needed, released no harmful fumes or gases, not derived from petroleum, safe around kids & pets, non-toxic, non-staining, hypoallergenic
- Reconstitutes with water - will not clog or attract dirt, makes later removal easy
- Cleans up fast with water, clear & odorless
- Does not stain clothes or solidify in conduit

Cat No.	Size	Case Qty	Each
99930	Quart	12	
99932	Gallon	4	
99934	5 Gallon	1	

## Anti-Oxidant



- For AL/AL and AL/CU wire connections and aluminum conduit joints
- For use with all types of pressure type wire connectors including screw-on, tap, service entrance and split bolt
- Carrier material excludes air to prevent further oxidation
- Reduces galling and seizing
- Promotes good ground continuity through the joint
- Improves efficiency & service life of aluminum electrical applications
- Temperature range: -40°F to 302°F (-40°C to 150°C)
- Voltage: 600v
- Provides additional inter-strand and inter-conductor current paths for improved conductivity and cooler connections
- Suspended zinc particles penetrate and cut aluminum oxide

Cat No.	Size	Case Qty	Each
99901	1 ounces	1	
99904	4 ounces	12	
99908	8 ounces	12	



# WIRE MANAGEMENT

## Barricade Tape



- CAUTION CAUTION CAUTION Legend
- Made of long lasting, non-adhesive, reusable 3 mil polyethylene
- Exceptional quality, durability and performance
- Used above ground to mark off hazards
- Continuous repeat of warning
- Meets OSHA 1910.144 for physical hazards

Cat No.	Legend	Size	Color	Box Qty	Each
69002	Caution Caution Caution	3" X 200'	Yellow	8	
69000	Caution Caution Caution	3" X 1000'	Yellow	8	

## Underground Tape



- 4 Mil Non adhesive polyethylene
- Continuous repeat of warning
- Protects buried utility lines
- Should be installed 12" to 18" below ground level and 12" above pipes and conduits before backfilling
- Formulated to resist degradation from acid and alkali found in soils

Cat No.	Legend	Size	Color	Box Qty	Each
69008	Caution Buried Electric Line Below	3" X 300'	Red	16	
69010	Caution Buried Electric Line Below	3" X 1000'	Red	8	
69011	Caution Buried Electrical Line Below	3" X 1000'	Yellow	8	
69012	Caution Buried Telephone Line Below	3" X 1000'	Orange	8	
69016	Caution Buried Fiber Optic Line Below	3" X 1000'	Orange	8	
69020	Caution Buried Electric Line Below	6" X 1000'	Red	4	
69021	Caution Buried Electrical Line Below	6" X 1000'	Yellow	4	

## Detectable Tape



- CAUTION BURIED ELECTRIC LINE BELOW Legend
- 5 Mil Silver foil
- Continuous repeat of warning
- Easily located with any common metal detector
- For use before you dig
- Its highly visible colors make it easy to locate after dig has begun
- Formulated to resist degradation from acid and alkali found in soils

Cat No.	Legend	Size	Color	Box Qty	Each
69030	Caution Buried Electric Line Below	3" X 1000'	Red	4	
69040	Caution Buried Electric Line Below	6" X 1000'	Red	2	

## Self Fusing Amalgamating Tape (Silicone Rubber Tape)



- A silicone rubber tape with self bonding properties
- Molds & conforms to irregular shapes
- Ideal for covering cable lugs, splices, terminations, busbars, bare conductors, & telecommunication cable joints
- Excellent for moisture sealing in electrical, industrial & marine applications
- Easy to apply, simply cut off length required & remove form backing, then wrap over your item covering half the tape at a time, sticks to itself
- Forms a permanent bond in 24 hours

Cat No.	Description	Length	Width	Height	Each
60230	Amalgamating Tape	16.5 Ft	1.5"	.04"	

## Vinyl Plastic Electrical Tape



- 3/4" X 60 Ft X 7 Mil
- High dielectric strength, high adhesion and shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- Withstands 1,200 V/MILS



Cat No.	Color	Sleeve Qty	Box Qty	Each
60000	Black	10	350	
60010	Red	10	350	
60020	White	10	350	
60030	Yellow	10	350	
60040	Green	10	350	
60050	Blue	10	350	
60060	Brown	10	350	
60070	Orange	10	350	
60080	Gray	10	350	
60090	Purple	10	350	

## Premium Grade Electrical Tape



- Flame retardant
- Cold Weather Resistant
- High dielectric strength, high adhesion and shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- Withstands 1,200 V/MILS
- Temperature Range 0°F to 176°F (-18°C to 80°C)



Cat No.	Color	Size	Sleeve Qty	Box Qty	Each
60200	Black	3/4" X 60 Ft X 8.5 Mil	10	200	
60202	Black	2" x 60 Ft x 8.5 Mil	1	100	

## Friction Tape



- Cloth construction offering good mechanical protection against abrasion and penetration of cable, splices and wire & used as temporary & binding tape
- Adhesive compound on both sides
- Overwrap electrical connections
- 1000v minimum dielectric strength
- Meets ASTM-D69, .014" thickness

Cat No.	Color	Size	Box Qty	Each
60210	Black	3/4" X 60 Ft	100	
60212	Black	2" X 60 Ft	25	

## Rubber Splicing Tape



- Self fusing with liner
- High quality unvulcanized rubber that will bond quickly to itself to form a solid mass of water-tight protection for electrical wires
- Primary insulation for electrical wires and cables splices of not more than 600v
- Flexible to withstand expansion and contraction
- High resistance to salt water, steam, oils, detergents, and other chemicals make it an ideal tape for pipe repair, automotive, marine, construction, etc.
- Dielectric strength 490 volts per mil, for use up to 176°F (80°C)

Cat No.	Color	Size	Box Qty	Each
60220	Blue	3/4" x 22 Ft x 30 Mil	100	
60222	Blue	2" x 22 Ft x 30 Mil	50	

## Thin Wall Heat Shrink Tubing



- Used for electrical insulation, wire harness, bundling, splices & terminations
- Flexible polyolefin tubing
- 2:1 Shrink ratio
- Rated for 600Volt 257°F (125°C) continuous operation
- Forms tough, smooth insulated covering resistant to common fluids and solvents
- Black color

Cat No.	Length	Diameter Before Shrinking	Diameter After Shrinking	Bag Qty	Each Piece
68030	6"	.078"	.029"	50	
68032	6"	.098"	.039"	50	
68034	6"	.137"	.059"	50	
68036	6"	.211"	.098"	10	
68038	6"	.250"	.117"	10	
68040	6"	.367"	.176"	10	
68042	6"	.484"	.234"	10	
68044	6"	.827"	.390"	10	
Rolls					
68050	660 Ft	.078"	.029"	1 Roll	
68052	660 Ft	.098"	.039"	1 Roll	
68054	660 Ft	.137"	.059"	1 Roll	
68056	330 Ft	.211"	.098"	1 Roll	
68058	330 Ft	.250"	.117"	1 Roll	
68060	165 Ft	.367"	.176"	1 Roll	
68062	165 Ft	.484"	.234"	1 Roll	
68064	165 Ft	.827"	.390"	1 Roll	

## Heavy Wall Heat Shrink Tubing - Flame Retardant



- Wide shrinkage allows various shapes & contours to be accommodated with one size tubing
- Insulates & protects electrical splices & terminations where maximum flame retardancy & exceptional insulating & sealing characteristics are required

- High impact and abrasion resistance capable of withstanding severe mechanical abuse of U.R.D., submersible and direct burial installations
- Will not split or rupture during installation, even when overheated
- Thermoplastic melttable adhesive sealant liner provides complete environmental protection and insulation
- Flame retardant
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides Nos. 2.4, 2.5, MIL-DTL-23053/15, IEEE 383 Vertical Flame Test, ANSI C37.20.2, ICEA S-19-8 and NEMA insulation thickness requirements
- Rated for 600-1000V, 194°F (90°C) continuous use
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Black color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Bag Qty	Each Piece
68004	12-6 AWG	6"	.400"	.150"	.09"	10	
68008	8-1/0 AWG	6"	.750"	.220"	.09"	10	
68011	2-4/0 AWG	8"	1.100"	.375"	.12"	5	
68015	3/0-400MCM	8"	1.500"	.500"	.16"	4	
68020	250-750MCM	12"	2.000"	.750"	.16"	1	
48" Lengths							
68022	12-6 AWG	48"	.400"	.150"	.09"	1	
68023	8-1/0 AWG	48"	.750"	.220"	.09"	1	
68024	2-4/0 AWG	48"	1.100"	.375"	.12"	1	
68025	3/0-400MCM	48"	1.500"	.500"	.16"	1	
68026	250-750MCM	48"	2.000"	.750"	.16"	1	



# WIRE MANAGEMENT

## Medium Wall Heat Shrink Tubing



- Suitable for a variety of low voltage electrical and mechanical applications, where lighter weight and greater flexibility are important
- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- 4' Lengths have Thermoplastic Adhesive Liner for complete environmental protection and insulation
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Rated for 600-2500V
- UL486D
- Black Color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68112	12-6 AWG	4'	.40"	.15"	.080"	
68114	8-1/0 AWG	4'	.75"	.22"	.080"	
68116	2-4/0 AWG	4'	1.10"	.40"	.080"	
68118		4'	1.30"	.40"	.080"	
68120	3/0-400MCM	4'	1.50"	.50"	.080"	
68122		4'	1.70"	.50"	.080"	
68124	250-750MCM	4'	2.05"	.75"	.080"	
68126		4'	2.75"	1.00"	.080"	
68128	800-1250MCM	4'	3.50"	1.18"	.095"	
68130	1500-2500MCM	4'	4.70"	1.57"	.105"	
68132		4'	6.70"	2.30"	.110"	
Rolls						
68142	12-6	50'	.40"	.15"	.080"	
68144	8-1/0	25'	.75"	.22"	.080"	
68146	2-4/0	25'	1.10"	.40"	.080"	
68148	3/0-400	50'	1.30"	.40"	.080"	
68150		50'	1.50"	.50"	.080"	
68152	250-750	25'	1.70"	.50"	.080"	
68154	800-1250	25'	3.50"	1.18"	.095"	
68156	1500-2500	50'	4.70"	1.57"	.105"	
68158		25'	6.70"	2.30"	.110"	

## Heavy Wall Heat Shrink Tubing



- Provides maximum reliability for insulating and protection of cable joints and terminations
- Withstands severe mechanical requirements of U.R.D., submersible and direct burial installations
- High impact, abrasion, corrosion and chemical resistance
- Rated for 600-2500V, 90°C continuous use
- 4' Lengths have Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guide Numbers 2.4, 2.5, ICEA and NEMA insulation thickness requirements
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Heavy Wall holds better mechanically & has better underground protection than medium wall
- Black color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68162	#14-#10	4'	0.35"	0.12"	.07"	
68164	#8-#6	4'	0.51"	0.16"	.09"	
68166	#6-#2	4'	0.75"	0.24"	.09"	
68168	#1-#3/0	4'	1.10"	0.35"	.12"	
68170	2/0-350	4'	1.50"	0.47"	.16"	
68172	250-500	4'	2.00"	0.63"	.16"	
68174	600-1000	4'	2.70"	0.87"	.16"	
68176	800-1250	4'	3.54"	1.18"	.16"	
68178	1500-2500	4'	4.72"	1.57"	.17"	
Rolls						
68182	#14-#10	25'	0.35"	0.12"	.07"	
68186	#6-#2	25'	0.75"	0.24"	.09"	
68188	#1-#3/0	25'	1.10"	0.35"	.12"	
68190	2/0-350	25'	1.50"	0.47"	.16"	
68192	250-500	25'	2.00"	0.63"	.16"	
68194	600-1000	25'	2.70"	0.87"	.16"	
68196	800-1250	25'	3.54"	1.18"	.16"	
68198	1500-2500	25'	4.72"	1.57"	.17"	

## Heat Shrink End Caps



- Simple & effective method for sealing cable ends, pipe, conduit or similar items
- Superior resistance to weathering, moisture contamination, adverse environmental conditions & common fluid solvents
- Adhesive liner provides complete environmental protection and insulation
- Heat indicating lines
- Valved end cap available for pressurized applications
- Continuous operating temperature from -67°F to 230°F (-55°C to 110°C)
- Rated from 600/1,000V 194°F (90°C) continuous use
- UL486D, Shrink temperature of 248°F (120°C)
- Black Color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each
68232	2-4/0	3.5	.75"	.22"	.08"	
68234	300-1000MCM	4.0	1.30"	.40"	.08"	
68236	500-1500MCM	4.5	1.50"	.50"	.08"	
68238	900-2500MCM	4.5	2.05"	.75"	.08"	
68240	2000-2500MCM	5.0	2.75"	1.00"	.08"	

## Heat Shrink Cable Repair Sleeve



- Recommended for above ground use
- A superior wraparound insulation product that easily installs in repair and splice applications providing excellent insulation and protection for cable jackets
- Shut down of system not required for repair
- High shrink ratio covers even irregular shapes
- Better split resistance than competitive products
- Simple RAIL-LESS installation with clamshell design
- Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Meets ICEA and NEMA insulation thickness specification
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68212	8-3/0	36"	1.20"	0.24"	.08"	
68214	2/0-400	36"	1.80"	0.60"	.08"	
68216	400-1000	36"	2.70"	0.95"	.08"	
68218	1000-2000	36"	3.60"	1.30"	.08"	
68220	Multiple Conductor	36"	4.95"	1.65"	.08"	
68222	Multiple Conductor	36"	6.75"	2.50"	.08"	

## Heat Gun



- Specially designed for Heat Shrink Tubing
- Retractable Fixing Wings to Steady on Table or Ground
- Thermostat Protection
- 6 Foot Cord
- 2 Heat Settings - Hi: 1120°F, Lo: 850°F
- 125V, 1500W



Cat No.	Each
54690	



## UF Direct Burial Splice Kits



- Labor savings - simplifies splicing UF cable by obsolescing messy multi part splicing kits
- 600 Volt maximum 221°F (105°C) rating
- Provides a reliable, moisture proof electrical connection for UF cable
- 14/3 or 12/3 minimum to 8/3 maximum
- Seal with heat gun or torch
- Kit comes complete with one 4-position brass connector and one 8" piece of water impervious adhesive/sealant heat shrink tubing
- UL486D Listed "Submersible" & Raintight"

Cat No.	Description	Per Kit
67000	14-8 AWG UF Direct Burial Splice Kit	

## UF Direct Burial Stretcher Kits



- Eliminates the need for using two connectors and a short piece of cable when repairing damaged UF cable
- 600 Volt maximum 221°F (105°C) rating
- Provides a reliable, moisture proof electrical connection for UF cable
- 14/3 or 12/3 minimum to 8/3 maximum
- Seal with heat gun or torch
- Kit comes complete with 11-1/2" connector and one 20" piece of water impervious adhesive/sealant heat shrink tubing
- UL486D Listed "Submersible" & Raintight"

Cat No.	Description	Per Kit
67001	14-8 AWG UF Direct Burial Stretcher Splice Kit	

## Dual Rated Splice Kits



- Eliminates expensive crimping tools when splicing aluminum or copper conductors for Direct Burial
- Kit comes complete with one mechanical connector and one piece of heat shrink tubing
- Popular splicing applications would be for repair and/or extending type USE cable
- Seal with heat gun or torch
- UL Listed Components
- 600 Volt maximum 221°F (105°C) rating

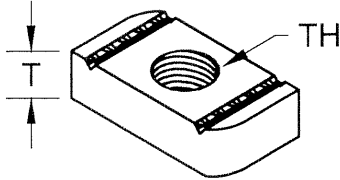
Cat No.	Figure	Description	Per Kit
67002	1	8-2 AWG Dual Rated Butt Splice	
67004	1	6-1/0 AWG Dual Rated Butt Splice	
67005	1	1/0-250MCM AWG Dual Rated Butt Splice	
67006	2	1/0-250MCM AWG Dual Rated Butt Splice	



# WIRE MANAGEMENT

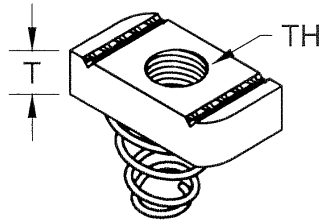
## Channel Nut No Spring

For all channel sizes  
(17404 can't be used with 13/16" & 1" channel)  
Zinc Electroplate Finish



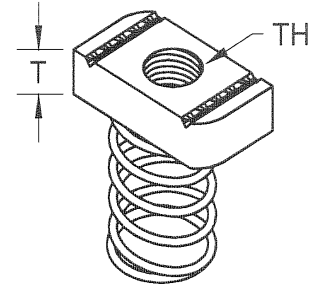
## Channel Nut Short Spring

For 13/16" & 1" channel  
Zinc Electroplate Finish



## Channel Nut Regular Spring

For 1-3/8" & 1-5/8" channel  
Zinc Electroplate Finish



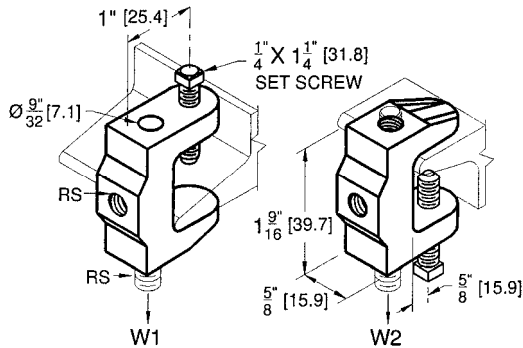
Cat No.	TH	T	Box Qty	Each
17400	1/4"-20	.25"	100	
17402	3/8"-16	.37"	100	
17404	1/2"-13	.50"	100	

Cat No.	TH	T	Box Qty	Each
17412	1/4"-20	.25"	100	
17420	3/8"-16	.37"	100	

Cat No.	TH	T	Box Qty	Each
17430	1/4"-20	.25"	100	
17438	3/8"-16	.37"	100	
17442	1/2"-13	.50"	100	

## Malleable Iron Universal Beam Clamp

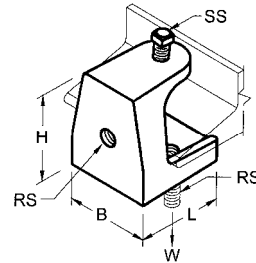
Maximum flange thickness of 5/8"  
The threaded hole on the back side of the clamp is not load rated  
Zinc Electroplate Finish



Cat No.	Rod Size (RS)	Max Load (W1)	Max Load (W2)	Box Qty	Each
17486	1/4"-20	100 lbs.	250 lbs.	100	

## Malleable Iron Rod Support Beam Clamp

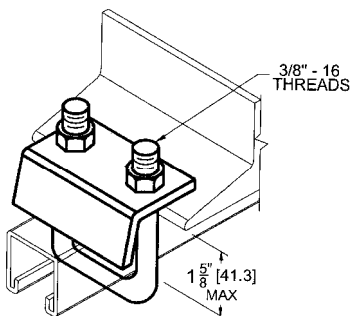
Maximum flange thickness of 1/2"  
Zinc Electroplate Finish



Cat No.	Rod Size (RS)	Set Screw Size	Max Load (W)	B	L	H	Box Qty	Each
17472	1/4"-20	5/16"-18	335 lbs.	1.18"	1.38"	1.38"	100	
17474	3/8"-16	1/2"-13	525 lbs.	2.06"	1.87"	1.75"	50	
17476	1/2"-13	1/2"-13	750 lbs.	2.50"	2.37"	2.18"	25	

## Strut to Beam Clamp with Square U-Bolt

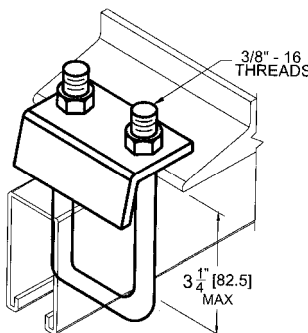
For 13/16" & 1-5/8" Channel  
Design load 1200lbs. when used in pairs  
Zinc Electroplate Finish



Cat No.	Box Qty	Each
17462	25	

## Strut to Beam Clamp with Square U-Bolt

For 2-7/16" & 3-1/4" Channel  
Design load 1200lbs. when used in pairs  
Zinc Electroplate Finish



Cat No.	Box Qty	Each
17464	25	

## Beam Clamp Torque Values

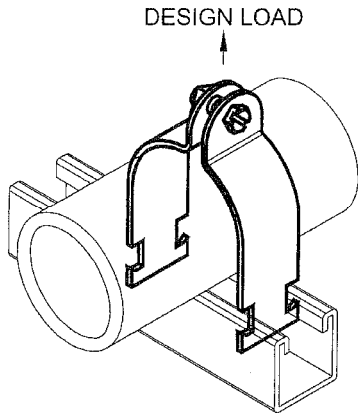
For beam clamps or other applications the following torque values from Manufacturer's Standardization Society (MSS) SP-69 are recommended unless otherwise specified.

Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	40	3.3	4.5
3/8"	60	5.0	6.8
1/2"	125	10.4	14.1



# WIRE MANAGEMENT

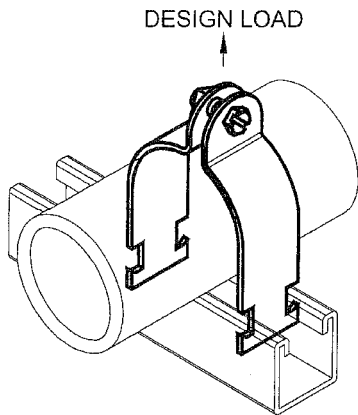
## Rigid Strut Clamp



Zinc Electroplate Finish

Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17514	1/2"	0.840"	400	100	
17515	3/4"	1.050"	600	100	
17516	1"	1.315"	600	100	
17517	1-1/4"	1.660"	600	50	
17518	1-1/2"	1.900"	800	50	
17519	2"	2.375"	800	50	
17520	2-1/2"	2.875"	800	50	
17521	3"	3.500"	800	25	
17522	3-1/2"	4.000"	1000	25	
17523	4"	4.500"	1000	25	
17524	5"	5.562"	1000	25	
17525	6"	6.625"	1000	25	
17526	8"	8.625"	1000	25	

## Universal Strut Clamp

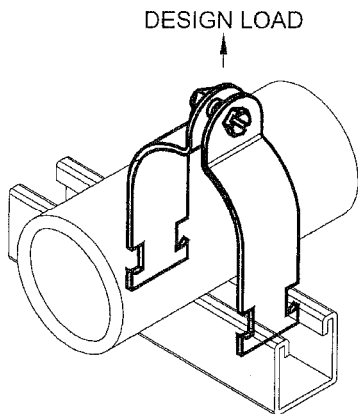


These clamps are designed to fit both pipe (rigid conduit) and thin walled tubing (EMT) in the corresponding sizes

Zinc Electroplate Finish

Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17532	1/2"	0.773"	400	100	
17533	3/4"	0.986"	600	100	
17534	1"	1.239"	600	100	
17535	1-1/4"	1.585"	600	50	
17536	1-1/2"	1.820"	800	50	
17537	2"	2.286"	800	50	

## EMT Strut Clamp



Zinc Electroplate Finish

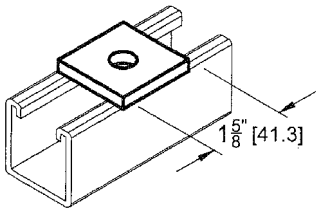
Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17542	1/2"	0.706"	400	100	
17543	3/4"	0.922"	400	100	
17544	1"	1.163"	600	100	
17545	1-1/4"	1.510"	600	50	
17546	1-1/2"	1.740"	800	50	
17547	2"	2.197"	800	50	



# WIRE MANAGEMENT

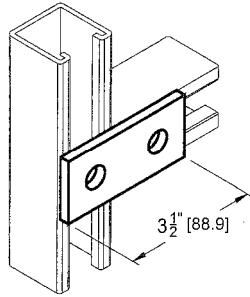
Steel has Zinc Electroplate Finish 1-5/8" wide x 1/4" thick. Holes are 9/16" diameter, 13/16" center to edge on 1-7/16" centers

### Square Washer



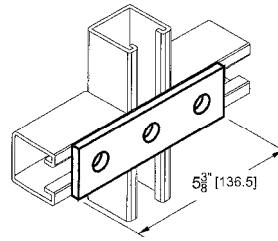
Cat No.	Bolt Size	Hole Size	Box Qty	Each
17612	1/4"	5/16"	100	
17616	3/8"	7/16"	100	
17618	1/2"	9/16"	100	

### 2 Hole Splice Plate



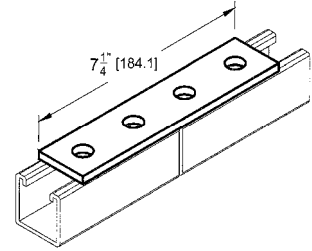
Cat No.	Box Qty	Each
17622	50	

### 3 Hole Splice Plate



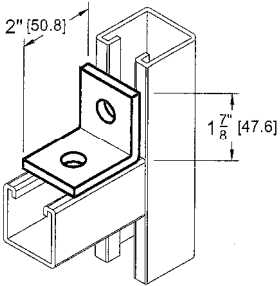
Cat No.	Box Qty	Each
17624	25	

### 4 Hole Splice Plate



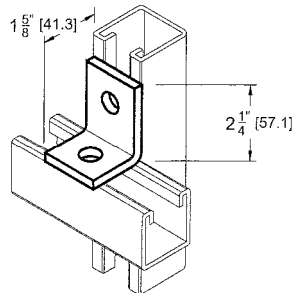
Cat No.	Box Qty	Each
17626	25	

### 2 Hole Corner Angle



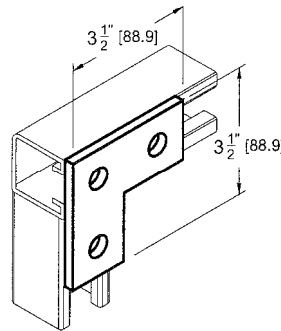
Cat No.	Box Qty	Each
17628	50	

### 2 Hole Cross Corner Angle



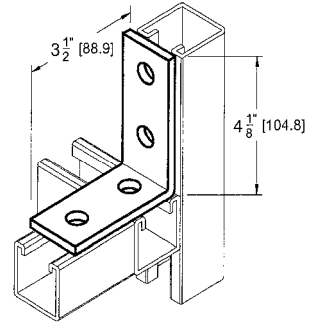
Cat No.	Box Qty	Each
17630	50	

### 3 Hole Corner Plate



Cat No.	Box Qty	Each
17632	25	

### 4 Hole 3 Way Corner Angle



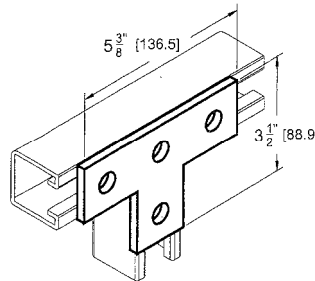
Cat No.	Box Qty	Each
17634	25	

### Strut Fitting Torque Values

The following are the torque values used for determining the load ratings of fittings when attached to channel framing as specified in the Metal Framing Manufacturers Association (MFMA) Standard #2.

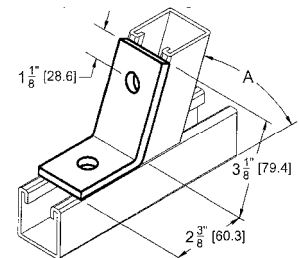
Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	72	6	8.1
3/8"	228	19	25.8
1/2"	600	50	67.8

### 4 Hole Tee Plate



Cat No.	Box Qty	Each
17636	20	

### 2 Hole Open 45° Corner Angle



Cat No.	Box Qty	Each
17638	25	

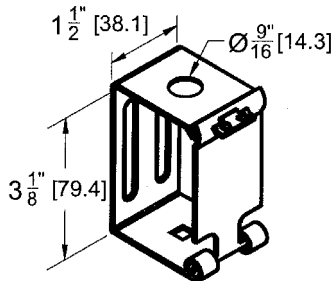


# WIRE MANAGEMENT

## Hinged Fluorescent Fixture Hanger 1-5/8" Channel 9/16" Hole

May be used as a channel hanger  
(1/4" x 3/4" Carriage Bolt w/ 1/4" Wing nut required)

Maximum loading 120 lbs.  
Zinc Electroplate Finish

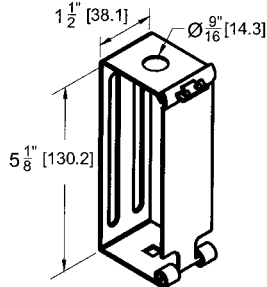


Cat No.	Box Qty	Each
17652	20	

## Hinged Fluorescent Fixture Hanger 3-1/4" Channel 9/16" Hole

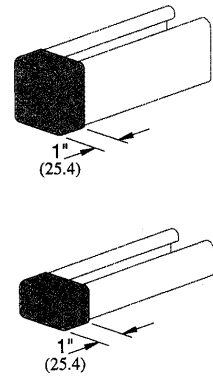
May be used as a channel hanger  
(1/4" x 3/4" Carriage Bolt w/ 1/4" Wing nut required)

Maximum loading 120 lbs.  
Zinc Electroplate Finish



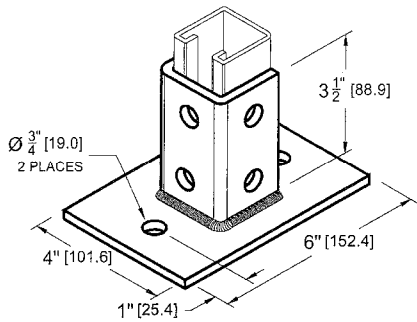
Cat No.	Box Qty	Each
17654	10	

## Plastic White End Caps



Cat No.	Channel Used with	Box Qty	Each
17682	13/16"	100	
17684	1-5/8"	100	

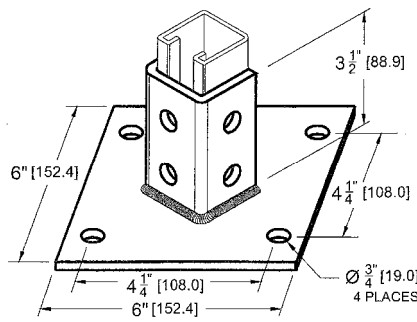
## Post Base Single Channel 2 Hole Standard 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17450	5	

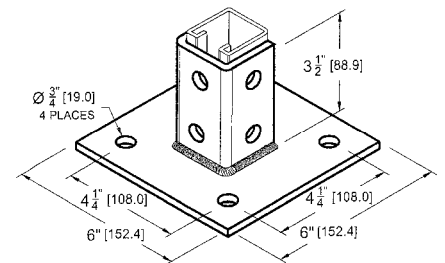
## Post Base Single Channel 4 Hole Standard 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17452	5	

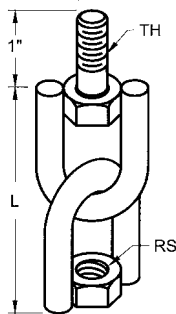
## Post Base Single Channel 4 Hole Square 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17454	5	

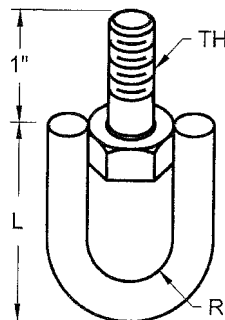
## Swivel Male - Female



Zinc Electroplate Finish

Cat No.	RS	TH	L	Design Load	Box Qty	Ea
17666	3/8"-16	3/8"-16	2-3/4"	620 lbs	50	
17668	1/2"-13	1/2"-13	3"	1150 lbs	50	

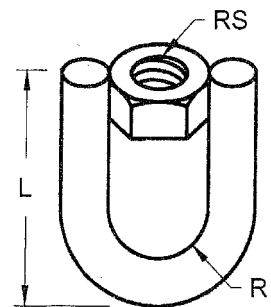
## Swivel Male



Zinc Electroplate Finish

Cat No.	RS	L	R	Design Load	Box Qty	Ea
17670	3/8"-16	1-3/4"	1/4"	620 lbs	50	
17672	1/2"-13	2"	3/8"	1150 lbs	50	

## Swivel Female



Zinc Electroplate Finish

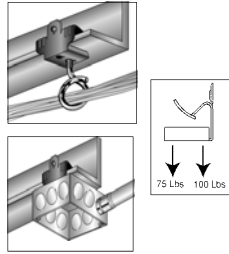
Cat No.	RS	L	R	Design Load	Box Qty
17662	3/8"-16	1-3/4"	1/4"	620 lbs	50
17664	1/2"-13	2"	3/8"	1150 lbs	50





# WIRE MANAGEMENT

## Spring Steel Beam Clamps

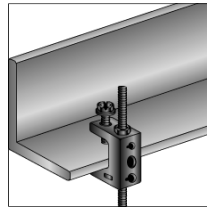
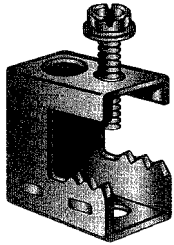


- Can be used to suspend boxes, fixtures & bridle rings to beam flanges 1/8" to 3/4" thick
- Ultimate Static Load Limit: - 75 or 100 lbs. (see illustration)
- NOTE: Static load limits cannot be combined



Cat No.	Flange Thickness	Box Qty	Each
18012	1/8"-1/4"	100	
18014	5/16"-1/2"	100	

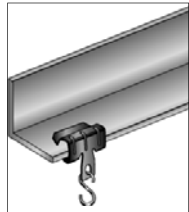
## Spring Steel Beam Clampss



- Fast installation; fits beam flange to 1/2"
- Used with 1/4" and 3/8" threaded rod, "S" hooks, conduit hangers, electrical boxes, and #10-24 or 1/4"-20 bridle rings
- Static Load Capacity: 100 lbs.
- Tapping 1/4"-20 bottom & back
- Also #10-24 tapping on back

Cat No.	Flange Thickness	Drop Rod	Box Qty	Each
18016	Up to 1/2" thick	1/4"-3/8"	100	

## Spring Steel Flange Beam Clamps

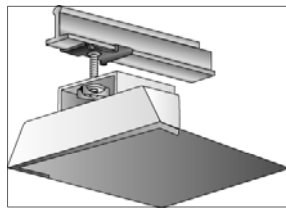


- Installed with hammer on bulb tees and beams
- Static Load Capacity of 200 lbs
- Clearance for 1/4" bolt in tab



Cat No.	Flange Thickness	Box Qty	Each
18018	1/8"-1/4"	100	
18020	5/16"-1/2"	100	

## Spring Steel Twist On T-Bar Hanger

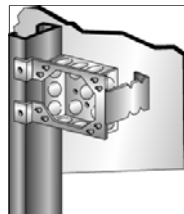
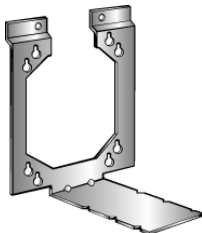


- Supports electrical fixtures to T-Bar 15/16" wide
- Assembled with 1" OD wing nut washer
- 1/4"-20 stud 5/8" long with wing nut washer



Cat No.	Box Qty	Each
18022	100	

## Box Stabilizer Support

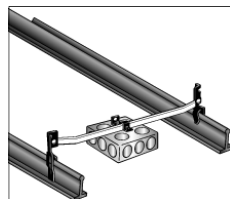
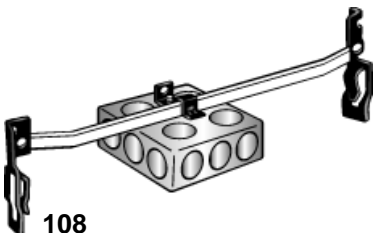


- Box Support for 2-1/2", 3-1/2" & 4" wood or metal studs
- Screw attached support for electrical boxes
- Made from pre-galvanized steel



Cat No.	Box Qty	Each
18052	100	

## Box To T-Bar Fastener



- Snap-on 24" span box hanger with dual height adjustment allows flush or 3/4" offset mount
- 1 BBC mounting clip with screw included
- Zinc plated steel with spring steel hardware included

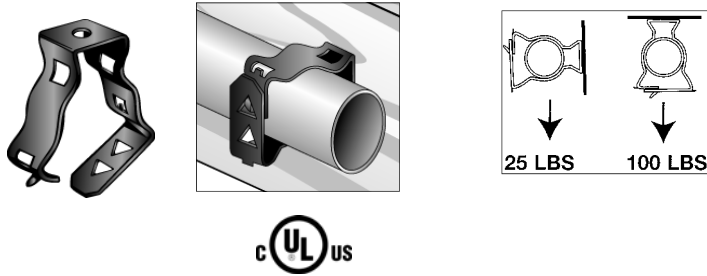


Cat No.	Box Qty	Each
18054	100	



# WIRE MANAGEMENT

## Spring Steel Conduit Clips

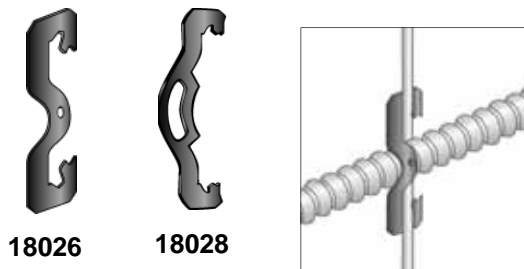


- No fastener required
- Ultimate Static Load Limit:  
100 lbs. vertical position  
25 lbs. horizontal position

Cat No.	Fits Conduit	Box Qty	Each
18024	1/2", 3/4"	100	



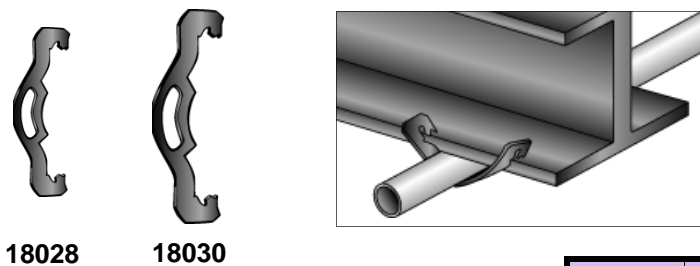
## Spring Steel Cable Clips



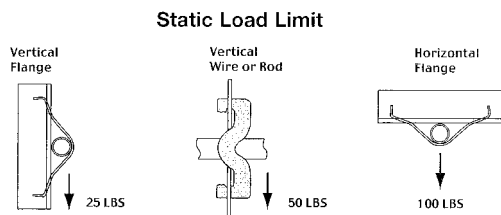
- Clip for MC, AC, or BX. Supports cable from #12 to #8 wire in horizontal or vertical position. OD's from .433 to .535
- NOTE: These products are designed for positioning only. No load rating
- #18028 cULus Listed

Cable Size	Cat No. for #12 Wire	Cat No. for #10 Wire	Cat No. for #8 & #9 Wire	Box Qty	Each
14-2 Cable	18026	18026	18026	100	
14-3 Cable	18026	18026	18026	100	
12-2 Cable	18026	18026	18026	100	
12-3 Cable	18026	18028	18028	100	

## Spring Steel Conduit Fast Support Clips



- Supports conduit & all types of cable from rods or flanges

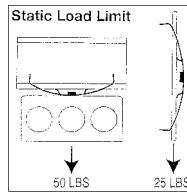
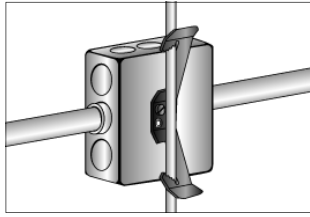


Conduit Size	Cat No. for #10 & #12 Wire	Cat No. for #8 & #9 Wire	3/16" to 1/4" Rod	Box Qty	Each
1/2" EMT	18028	18028	18028	100	
1/2" RIGID	18028	18030	18030	100	
3/4" EMT	18030	18030	18030	100	
3/4" RIGID	18030	18030		100	

Conduit Size	Cat No. for 1/8"-1/4" Flange	Cat No. for 3/16"-3/8" Flange	Cat No. for 5/16"-3/8" Flange	Box Qty	Each
1/2" EMT	18028	18030	18030	100	
1/2" RIGID	18030	18030		100	
3/4" EMT	18030			100	

# WIRE MANAGEMENT

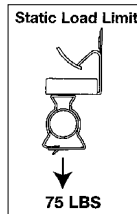
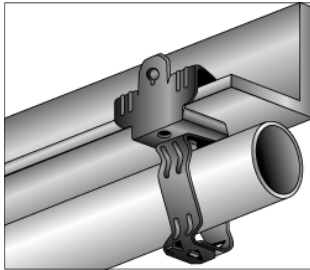
## Spring Steel Multi-Function Clip



- Attaches conduit or boxes to flanges, wire or rod
- Fits 1/8" to 3/8" flanges
- Attaches to #12 wire through 3/8" rod
- Attaches #10-24 or 1/4"-20 Threaded Bridle Rings (position only)

Cat No.	Box Qty	Each
18048	100	

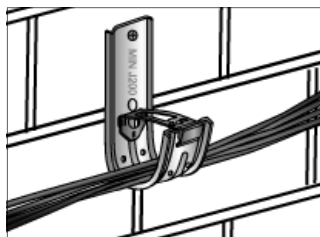
## Spring Steel Flange Mount Conduit Clip Assembly



- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only
- Ultimate Static Load Limit: 75 lbs.
- Bottom Mount

Cat No.	Flange Fits	Conduit	Box Qty	Each
18050	1/8"-1/4"	1/2" & 3/4"	100	

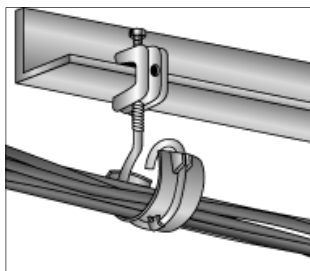
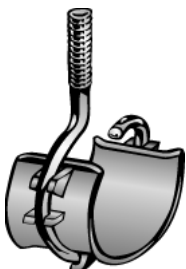
## Cable Support J Hooks



- Cost effective alternative to expensive cable tray
- Accommodates Category 5, fiber-optic and Interduct
- Wide base support provides support without stress to sensitive voice/data cables
- Continuous wide-base radius supports natural curve of cable, eliminating kinking, bending and crimping
- Cable wire retainer is supplied with every part
- Unique design eliminates the need for attachment plate when stacking
- Can be attached to a wide variety of structures using beam clamps, clips and many other components

Cat No.	Description	Box Qty	Each
18056	2" J Hook	50	

## Cable Support Bridle Rings



- Cost effective alternative to expensive cable tray
- Wide surface saddle provides support without stress for Category 5, fiber-optic, and other sensitive voice/datacom cables
- Mechanical Thread

Cat No.	Saddle Ass'y Description	Box Qty	Each
18058	2" Bridle Ring w/Saddle	50	
18060	4" Bridle Ring w/Saddle	50	