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Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

NYLON CABLE TIES

UNIRAP™ cable ties are fabricated of one piece Nylon with no metal parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalies, oils, grease and diluted acids. Self-locking, they secure without twisting or leaving sharp projections.

Compact heads and pre-bent tips facilitate cable bundling in a minimum of time and space. UNIRAP™ cable ties are designed for both field and production line use and may be installed easily by hand.
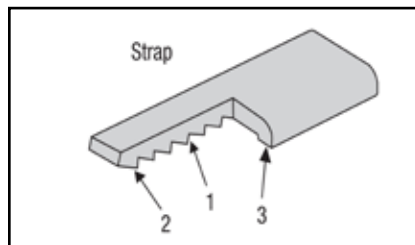
BURNDY® cable ties consist of three components: strap, head, and tail. These components are specifically designed to function together to make BURNDY® UNIRAP™ cable ties superior in quality and performance. Shelf life of 5 years, when stored in original packaging.

Component	**Precision Engineering**	**Enhanced Performance**

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Strap

1. Includes load bearing **serrations**.
2. Features **flats** between the serrations.
3. Features the **double outer rail system**.

1. Serrations provide complete adjustability within the fastening range.
2. Flats reduce stress concentrations and help make the tie stronger.
3. Smooth rails promote low drag, as well as minimize chafing.
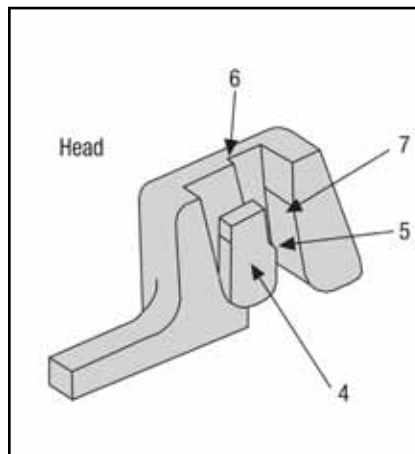
Head

4. The **pawl** is integrally formed with the head.
5. The **pawl** is stepped in order to wedge against the serrations in the strap to form the lock.
6. The **shoulders**, or the sides of the head, guide the strap and prevent it from disengaging from the pawl during loaded conditions.
7. The **back** supports the strap during the wedging of the lock formation.

4. The locking unit will not disengage. It also promotes low insertion with high pull out force for very easy installation.
5. The tie's ultimate strength achieves optimum levels.
6. Promotes cable tie strength, endurance and longevity.
7. Ensure optimum locking capability.

Tail
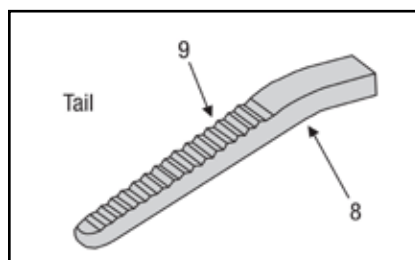
8. Features a **bent tip**.
9. Includes a **ribbed grip**.

8. Easy pick-up for installers, which leads to fast assembly.
9. Allows for easy, no-slip grip.

Blue highlighted items are industry standard and most frequently ordered.

Available Materials

Nylon 6/6 — General Purpose

General purpose nylon 6/6 features light weight, high strength and a wide temperature range. It is halogen free so it does not release dangerous gases, such as chlorine, bromine, fluorine and iodine when burned. Nylon 6/6 is hygroscopic, and therefore, absorbs or releases moisture depending on its environment. Thus, the moisture level of the material will affect tensile strength, stiffness and elongation of the product.

Nylon 6/6 — Heat Stabilized

With similar properties and benefits as nylon 6/6, products manufactured with heat stabilized nylon 6/6 material have a chemical stabilizer added for higher continuous temperature applications.

Nylon 6/6 — UV Stabilized

Chemical inhibitors are used to give nylon 6/6 material added properties to fight against premature aging of products due to the effects of ultraviolet rays.

Nylon 6/6 — UV Stabilized
(2% Carbon for Military Specification)

The physical properties of this material include carbon, which acts as a UV stabilizer, prolonging the life of the product under ultraviolet conditions. It also allows cable ties to meet the particular military specification for cable ties.

Nylon 6/6 — V0 Flame Retardant

This material meets UL 94V-0 flammability requirements. Flame retardant additives generally reduce tensile strength when compared to general-purpose nylon 6/6, but this resin has been formulated to minimize such effects.

Nylon 6/6 — High Impact

Impact modifiers are added to increase flexibility. High impact nylon 6/6 has stable tensile strength due to its reduced influence from moisture. It is excellent for high vibration applications, as within the aircraft and automobile industries and performs better than nylon 6/6 against ultraviolet rays. Good for outdoor use.

Polypropylene

Polypropylene is used in environments where chemical effects on nylon are a concern. It is not affected by inorganic acids (hydrochloric), polyhydric alcohols (ethyleneglycol), neutral salts (sodium chloride) and basic salts (sodium bicarbonate). Polypropylene also resists a number of other chemicals with good results, although it has lower tensile strength than nylon 6/6 (about half). Polypropylene has good UV resistance.

Tefzel®

Although about two-thirds the strength of nylon 6/6, Tefzel is resistant to a wide range of chemicals, such as concentrated hydrofluoric and sulfuric acids. It is also a low water absorbing material, therefore, is not adversely affected by water. Tefzel is radiation resistant up to 100 megarads and meets the fire and smoke requirements of IEEE 383. Tefzel also withstands high temperatures and ultraviolet light exposure. Products made from Tefzel material also have non-outgassing properties for zero gravity applications.

Halar®

Halar is similar to Tefzel in performance and benefits. Halar is recognized for its low smoke density attribute when burned. This makes products made out of Halar more desirable for use in areas where smoke generation is a concern, as when bundling wire and cable in air handling spaces.

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Material Specifications

Material	Continuous* Operating Temperature Max. Min.		Tensile Strength at 73° F Dry as Molded ASTM D-638 (PSI)	UL Flame Rating	Oxygen Index %	Gamma Radiation Resistance	UV Resistance	Military, Federal, ASTM, and FDA Specifications
Nylon 6/6 — General Purpose (CT)	185° F 85° C	−40° F −40° C	12,000	94V-2	28	1×10^5 Rads	Poor	ASTM D-4066PA0111 FDA CFR177.1500
Nylon 6/6 — Heat Stabilized (CTHS)	220° F 105° C	−40° F −40° C	12,000	94V-2	26	1×10^5 Rads	Poor	ASTM D-4066PA0121
Nylon 6/6 — UV Stabilized (O)	185° F 85° C	−40° F −40° C	12,000	94V-2	26	1×10^5 Rads	Good	ASTM D4066PA0191
Nylon 6/6 — 2% Carbon UV Stabilized (OO)	220° F 105° C	−40° F −40° C	12,000	94V-2	26	1×10^5 Rads	Good	ASTM D-4066PA0181 MS3367/8
Nylon 6/6 — Flame Retardant (CTV)	185° F 85° C	−40° F −40° C	10,800	94V-0	34	1×10^5 Rads	Poor	ASTM D-4066PA0110
Nylon 6/6 — High Impact	185° F 85° C	−40° F −40° C	8,800	94-HB	19	1×10^5 Rads	Good	ASTM D-4066PA0150
Polypropylene — Chemical Resistant (CTPP)	185° F 85° C	−40° F −40° C	3,400	94-HB	N/A	1×10^5 Rads	Good	ASTM D-4101PP0320 FDA CFR177.1520
Nylon 12 — UV Stabilized	176° F 80° C	−40° F −40° C	5,800	94-HB	N/A	9×10^6 Rads	Good	ASTM D-4066PA411
Tefzel® (CTZ)	302° F 150° C	−50° F −46° C	5,800	94V-0	30	2×10^8 Rads	Excellent	UL2043 Grade 1 ASTM D-3159 Type 1
Halar® (CTH)	284° F 140° C	−50° F −46° C	6,100	94V-0	52	2×10^8 Rads	Excellent	ASTM D-3275 Type 3 FDA CRF177.1380

* Elevated temperatures, over time, will affect materials' properties such as tensile strength, stiffness, elongation and appearance.

BURNDY® recommends the evaluation of cable ties in the actual application to determine the suitability of the tie for that application.

Tefzel® is a registered trademark of E.I. DuPont. Halar® is a registered trademark of Ausimont Chemical Co.

Blue highlighted items are industry standard and most frequently ordered.

Material Performance Guide

Selection	Nylon 6/6 General Purpose	Nylon 6/6 Heat Stab.	Nylon 6/6 UV Stab.	Nylon 6/6 2% Carbon UV Stab.	Nylon 6/6 Flame Ret. V0	Nylon 6/6 High Impact	Poly-propylene	Nylon 12 UV Stab.	Tefzel®	Halar®
Tensile Strength	8	8	8	9	7	8	2	4	5	5
High Temp.	2	3	2	2	2	2	2	1	10	10
Flammability	5	5	5	5	10	2	2	2	10	10
UV Resistance	1	1	5	8	1	2	5	3	10	10
Radiation	3	3	3	3	3	3	6	3	10	10
Chemical	6	6	6	6	6	6	8	8	10	10
— Hydrocarbons	8	8	8	8	8	8	6	8	10	10
— Chlorinated	6	6	6	6	6	6	3	8	10	10
— Hydrocarbons	2	2	2	2	2	2	8	5	10	10
— Acids-Bases	6	6	6	6	6	6	8	6	10	10
— Salts	3	3	3	3	3	3	10	8	10	10
Relative Cost	Low	Low	Med.	Med.	Med.	Med.	Med.	Med.	High	High

1 = Least Recommended   10 = Most Recommended

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The following chart is meant to help you understand BURNDY's cable tie catalog numbering system. Not every cable tie is available in every listed option. See below Catalog Numbering System Charts or contact BURNDY® Customer Service for more information.

> Gray bars contain catalog number examples.

Type	Tensile	Bundle Dia.	Feature	Package	Color
CT	50	175		C	
CT = Nylon 6/6 Standard	18 = 18 lbs.	075 = 3/4"	EPR = Extended Pawl Releasable	V = 5	1 = Brown
	30 = 30 lbs.	087 = 7/8"	ID = Single Head ID	X = 10	2 = Red
	40 = 40 lbs.	100 = 1"	ID2 = Double Head ID	Q = 25	3 = Orange
CTAS = Aerial Support	50 = 50 lbs.	125 = 1-1/4"	ID3 = Triple Head ID	L = 50	4 = Yellow
	100 = 100 lbs	137 = 1-3/8"	FL = ID Flag	C = 100	5 = Green
	110 = 110 lbs.	150 = 1-1/2"	MH4 = Mounting Hole #4	B = 250	6 = Blue
CTH = Halar ®	120 = 120 lbs.	175 = 1-3/4"	MH6 = Mounting Hole #6	D = 500	7 = Purple
	175 = 175 lbs.	200 = 2"	MH8 = Mounting Hole #8	M = 1000	8 = Gray
	225 = 225 lbs.	225 = 2-1/4"	MH10 = Mounting Hole #10		None = Natural
CTZ = Tefzel ®	250 = 250 lbs.	250 = 2-1/2"	MH14 = Mounting Hole #14		10 = White
	450 = 450 lbs.	300 = 3"	PM = Push Mount Tie		11 = Telco Gray
	500 = 500 lbs.	325 = 3-1/4"	PML = Push Mount Tie w/Louvers		0 = UV Black[1]
CTHS = Nylon 6/6 Heat Stabilized	675 = 675 lbs.	350 = 3-1/2"	PMW = Push Mount Tie w/Wing		00 = UV Black[2]
	700 - 700 lbs.	400 = 4"	R = Releasable Tie		02 = Red
	800 = 800 lbs.	425 = 4-1/4"	LP = Low Profile Tie		20 = Black
CTV = Nylon 6/6 Flame Retardant UL94V-0	900 = 900 lbs.	500 = 5"	PS = Positive Stop		
		600 = 6"	SSB = Stainless Steel Barb		
		700 = 7"			
CTPP = Polypropylene		750 = 7-1/2"			
		800 = 8"			
		900 = 9"			
CTSS = Stainless Steel		1000 = 10"	FC304 = Fully Coated 304		
		1100 = 11"	FC316 = Fully Coated 316		
		1200 = 12"	PC304 = Partially Coated 304		
		1300 = 13"	PC316 = Partially Coated 316		
		1400 = 14"			

[1]Material: Nylon 6/6 — UV Stabilized   [2]Material: Nylon 6/6 — 2% Carbon UV Stabilized (Mil. Spec.)

Type	Tensile	Bundle Dia.	Feature	Package	Color
CTB	100	RA	4	C	0
CTB = Cable Tie Base	075 = 3/4"	RA = Rubber Adhesive	2 = 2 way	L = 50	0 = UV Black
	125 = 1-1/4"	AA = Acrylic Adhesive	4 = 4 way	C = 100	
	150 = 1=1/2"	S = Screw Mounted		D = 500	
				M = 1000	

Blue highlighted items are industry standard and most frequently ordered.

Nothing

Military Specification
UNIRAP™ Cable Ties

The BURNDY® cable ties shown below meet the requirements of SAE AS23190A (formerly MIL-S-23190) in accordance with specification MS3367, MS3368, and QPL-23190.

Natural Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3367-1-9	CT50175C	CT50175M	1.75" - 50 lbs.
MS3367-2-9	CT50400C	CT50400M	4" - 50 lbs.
MS3367-3-9	CT120400L	CT120400D	4" - 120 lbs.
MS3367-3-9	CT175400Q	N/A	4" - 175 lbs.
MS3367-3-9	CT175600Q	N/A	6" - 175 lbs.
MS3367-4-9	CT18075C	CT18075M	0.75" - 18 lbs.
MS3367-5-9	CT30125C	CT30125M	1.25" - 30 lbs.
MS3367-6-9	CT120900L	CT120900D	9" - 120 lbs.
MS3367-6-9	CT175900Q	N/A	9" - 175 lbs.
MS3367-7-9	CT50300C	CT50300M	3" - 50 lbs.

UV Resistant Black Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3367-1-0	CT50175C00	CT50175M00	1.75" - 50 lbs.
MS3367-2-0	CT50400C00	CT50400M00	4" - 50 lbs.
MS3367-3-0	CT120400L00	CT120400D00	4" - 120 lbs.
MS3367-3-0	N/A	N/A	4" - 175 lbs.
MS3367-3-0	CT175600Q00	N/A	6" - 175 lbs.
MS3367-4-0	CT18075C00	CT18075M00	0.75" - 18 lbs.
MS3367-5-0	CT30125C00	CT30125M00	1.25" - 30 lbs.
MS3367-6-0	CT120900L00	CT120900D00	9" - 120 lbs.
MS3367-6-0	CT175900Q00	N/A	9" - 175 lbs.
MS3367-7-0	CT50300C00	CT50300M00	3" - 50 lbs.

Natural Identification Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3368-1-A	CT50175IDC	N/A	1.75" - 50 lbs.
MS3368-2-A	CT50400IDC	N/A	4" - 50 lbs.
MS3368-3-C	CT50175ID2L	N/A	1.75" - 50 lbs. Double Strap
MS3368-4-D	CT50175ID3L	N/A	1.75" - 50 lbs. Triple Strap
MS3368-5-E	CT18075IDC	N/A	0.75" - 18 lbs.

Blue highlighted items are industry standard and most frequently ordered.

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UNIRAP™

STANDARD CABLE TIES
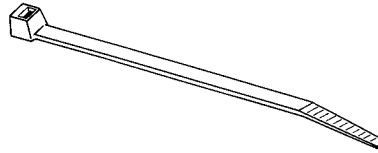
UL 62275
Type 2 & 21 All items on this page

18 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT18075C	Natural Nylon 6/6	0.75 [19]		4.1			CT18075M
CT18075C0	Black Nylon 6/6 UV	0.75 [19]		4.1			CT18075M0
CT18125C	Natural Nylon 6/6	1.25 [32]	18	6.1	0.10 [3]	TWT1, MK7, CTT50	CT18125M
CT18125C0	Black Nylon 6/6 UV	1.25 [32]		6.1			CT18125M0
CT18200C	Natural Nylon 6/6	2.00 [51]		8.1			CT18200M
CT18200C0	Black Nylon 6/6 UV	2.00 [51]		8.1			CT18200M0

30 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT30125C	Natural Nylon 6/6	1.25 [32]	30	5.8	0.14 [3.6]	TWT1, MK7, CTT50	CT30125M
CT30125C0	Black Nylon 6/6 UV	1.25 [32]		5.8			CT30125M0

40 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT40200C	Natural Nylon 6/6	1.90 [48]		7.6			CT40200M
CT40200C0	Black Nylon 6/6 UV	1.90 [48]		7.6			CT40200M0
CT40300C	Natural Nylon 6/6	3.00 [76]	40	11.1	0.15 [4]	TWT1, MK7, CTT50	CT40300M
CT40300C0	Black Nylon 6/6 UV	3.00 [76]		11.1			CT40300M0
CT40400C	Natural Nylon 6/6	4.00 [102]		14.6			CT40400M
CT40400C0	Black Nylon 6/6 UV	4.00 [102]		14.6			CT40400M0

50 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches [mm]	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT50175C	Natural Nylon 6/6	1.75 [44]		8.00 [222]			CT50175M
CT50175C0	Black Nylon 6/6 UV	1.75 [44]		8.00 [222]			CT50175M0
CT50300C	Natural Nylon 6/6	3.00 [76]	50	11.75 [298]	0.18 [5]	TWT1, MK7, CTT50	CT50300M
CT50300C0	Black Nylon 6/6 UV	3.00 [76]		11.75 [298]			CT50300M0
CT50400C	Natural Nylon 6/6	4.00 [102]		15.50 [394]			CT50400M
CT50400C0	Black Nylon 6/6 UV	4.00 [102]		15.50 [394]			CT50400M0

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

STANDARD CABLE TIES
(Continued)

120 Lb. Minimum Tensile Strength
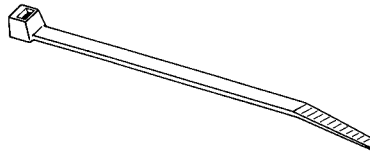
UL 62275
Type 2 & 21

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches [mm]	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT120200L	Natural Nylon 6/6	2.00 [51]	120	9.0 [229]	0.30 [8]	TWT2, MK9, CTT50	CT120200D
CT120200L0	BlackNylon 6/6 UV						CT120200D0
CT120300L	Natural Nylon 6/6	3.00 [76]		12.0 [305]			CT120300D
CT120300L0	black Nylon 6/6						CT120300D0
CT120400L	Natural Nylon 6/6	4.00 [102]		15.0 [381]			CT120400D
CT120400L0	black Nylon 6/6 UV						CT120400D0
CT120800L	Natural Nylon 6/6	8.00 [203]		29.2 [742]			-
CT120800L0	Black Nylon 6/6 UV						-

175 Lb. Minimum Tensile Strength

UL 62275
Type 2 & 21

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches [mm]	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT1751100Q	Natural Nylon 6/6	11.00 [279]	175	36 [914]	0.35 [9]	Heavy	—
CT1751100Q0	Black Nylon 6/6 UV					TWT2, MK9, CTT50	
CT175500Q	Natural Nylon 6/6	5.50 [140]		18.25 [464]			
CT175500Q0	Black Nylon 6/6 UV						
CT175600Q	Natural Nylon 6/6	7.00 [178]		24.00 [610]			
CT175600Q0*	Black Nylon 6/6 UV						
CT175900Q	Natural Nylon 6/6	8.75 [222]		30.00 [762]			
CT175900Q0*	Black Nylon 6/6 UV						

* Not UL Listed, but UR 1565

### 250 Lb. Minimum Tensile Strength

UR 1565
Type 2 & 21

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches[mm]	Minimum Tensile Strength Lbs.	Length Inches [mm]	Width Inches [mm]	Installation Tool	Bulk Package Catalog Number
CT2501000Q	Natural Nylon 6/6	10.00 [254]	250	35.00 [889]	0.50 [13]	Heavy	—
CT2501000Q0	Black Nylon 6/6 UV					TWT2, MK9	
CT2501200Q	Natural Nylon 6/6	12.00 [305]		40.00 [1016]			
CT2501200Q0	Black Nylon 6/6 UV						
CT250600Q	Natural Nylon 6/6	6.00 [152]		22.00 [559]		TWT2, MK9	
CT250600Q0	Black Nylon 6/6 UV						
CT250800Q	Natural Nylon 6/6	8.00 [203]		29.00 [737]			
CT250800Q0	Black Nylon 6/6 UV						

Blue highlighted items are industry standard and most frequently ordered.

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TYPE UG

UNIRAP™ Cable Ties

General purpose nylon 6/6 features light weight, high strength and a wide temperature range. It is halogen free so it does not release dangerous gases, such as chlorine, bromine, fluorine and iodine when burned. Nylon 6/6 is hygroscopic, and therefore, absorbs or releases moisture depending on its environment. Thus, the moisture level of the material will affect tensile strength, stiffness and elongation of the product.
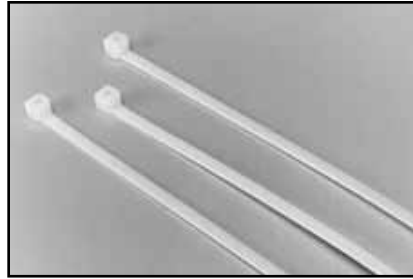
Features & Benefits

• Nylon 6/6 Standard
• Available in Black and Natural
• One piece injection molded
• Maximum strength and adjustability for versatility
• Chemically resistant to solvents, oils, grease, and diluted acids

Standard

Mounting Hole
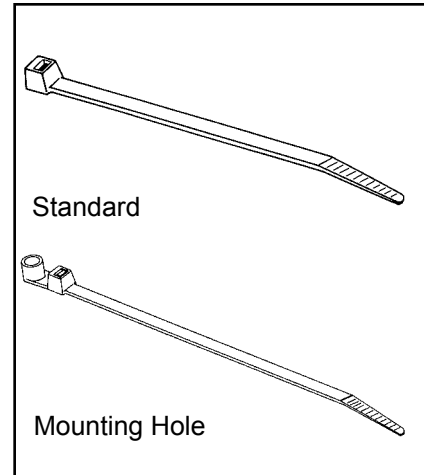
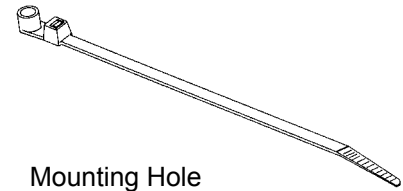• Rounded edges and bent tip for easy installation
• Self-Locking

Standard Cable Ties

Std. Pkg. Catalog Number	Material	Max. Bundle Diameter (Inches)	Min. Tensile Strength (lbs)	Length (Inches)	Width (Inches)	Installation Tool	Tool Setting	Bulk Catalog Number
CT18075CUG	Natural Nylon 6/6	.75	18	4.00	.10	TWT1, MK7, CTT50	Mini	CT18075MUG
CT18075C0UG	Black Nylon 6/6 UV	.75	18	4.00	.10			CT18075M0UG
-	Natural Nylon 6/6	2.00	18	8.00	.10			CT18200MUG
CT18200C0UG	Black Nylon 6/6 UV	2.00	18	8.00	.10			-
CT30125CUG	Natural Nylon 6/6	1.25	30	6.00	.14		Intermediate	CT30125MUG
CT30125C0UG	Black Nylon 6/6 UV	1.25	30	6.00	.14			-
CT40200CUG	Natural Nylon 6/6	2.00	40	8.50	.15		Standard	CT40200MUG
CT40400C0UG	Black Nylon 6/6 UV	4.00	40	14.50	.15			-
CT50175CUG	Natural Nylon 6/6	1.75	50	8.00	.18			CT50175MUG
CT50175C0UG	Black Nylon 6/6 UV	1.75	50	8.00	.18			CT50175M0UG
CT50300CUG	Natural Nylon 6/6	3.00	50	11.30	.18			CT50300MUG
CT50300C0UG	Black Nylon 6/6 UV	3.00	50	11.30	.18			CT50300M0UG
CT50400CUG	Natural Nylon 6/6	4.00	50	15.50	.18			-
CT50400C0UG	Black Nylon 6/6 UV	4.00	50	15.50	.18			-
CT120200L0UG	Black Nylon 6/6 UV	2.00	120	8.87	.30			-
CT120400LUG	Natural Nylon 6/6	4.00	120	15.25	.30			-
CT120400L0UG	Black Nylon 6/6 UV	4.00	120	15.25	.30			CT120400C0UG
CT120500CUG	Natural Nylon 6/6	5.00	120	20.00	.30	TWT2, MK9, CTT50		CT120500D0UG
CT120900LUG	Natural Nylon 6/6	9.00	120	29.75	.30		Heavy	-
CT175400Q0UG	Black Nylon 6/6 UV	4.00	175	15.00	.35			-
CT175600QUG	Natural Nylon 6/6	6.00	175	21.00	.35			-
CT175600Q0UG	Black Nylon 6/6 UV	6.00	175	21.00	.35			-
CT175900Q0UG	Black Nylon 6/6 UV	9.00	175	32.00	.35			-
CT1751100QUG	Natural Nylon 6/6	11.00	175	36.00	.35			-
CT1751100Q0UG	Black Nylon 6/6 UV	11.00	175	36.00	.35			-
CT1751400QUG	Natural Nylon 6/6	14.00	175	52.00	.35			-
CT250800Q0UG	Black Nylon 6/6 UV	8.00	250	52.00	.50			-

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

Type UG Cable Ties
(Continued)

Mounting Hole

Mounting Hole Cable Ties

Std. Pkg. Catalog Number	Material	Screw Size	Max. Bundle Diameter Inches	Min. Tensile Strength (lbs)	Length Inches	Width Inches	Installation Tool	Tool Setting
CT50175MH10CUG	Natural Nylon 6/6	#10	1.75	50	8.50	.18	MK7, CTT50	Standard
CT50175MH10C0UG	Black Nylon 6/6 UV	#10	1.75	50	8.50	.18	MK7, CTT50	Standard
CT50300MH10GUG	Natural Nylon 6/6	#10	3.00	50	11.75	.18	TWT1, MK7, CTT50	Standard
CT50300MH10C0UG	Black Nylon 6/6 UV	#10	3.00	50	11.75	.18	TWT1, MK7, CTT50	Standard

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Mounting Bases

| Std. Pkg. Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C	Bulk Catalog Number
CTB075RA4CUG	Rubber Adhesive	0.14"	.75"	.75"	.75"	-
CTB125RA4CUG	Rubber Adhesive	0.20"	1.125"	1.125"	0.19"	CTB125RA4DUG

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

RELEASABLE CABLE TIES

Perfect for prototype construction, releasable cable ties are ideal for temporary installations. Releasable ties are also good for applications where service requires adding or subtracting wires from an existing wire bundle.

Standard Releasable Ties

Extended Pawl Releasable Ties

UL 62275
Type 21
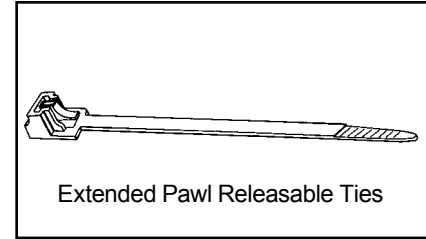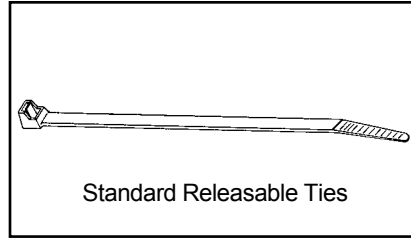
Standard Releasable Cable Ties

Std. Pkg. Catalog Number	Material	Max. Bundle Diameter Inches (mm)	Min. Tensile Strength (lbs)	Length Inches	Width Inches (mm)
CT50175RC	Natural Nylon 6/6	1.90 [48]	50	7.60	0.15 [4]
CT50175RC0	Black Nylon 6/6 UV				
CT50137RC	Natural Nylon 6/6	1.90 [48]	50	7.60	0.18 [5]
CT50137RC0	Black Nylon 6/6 UV				
CT50400RC	Natural Nylon 6/6	4.00 [102]		14.60	
CT50400RC0	Black Nylon 6/6 UV				

Extended Pawl Releasable Cable Ties

Std. Pkg. Catalog Number	Material	Max. Bundle Diameter Inches [mm]	Min. Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]
CT50137EPRC	Natural Nylon 6/6	1.38 [35]	50	5.50 [140]	0.29 [7]
CT50137EPRC0	Black Nylon 6/6 UV				
CT50250EPRC	Natural Nylon 6/6	2.50 [64]		9.80 [249]	
CT50250EPRC0	Black Nylon 6/6 UV				

UR 1565

Heavy Duty Releasable Cable Ties

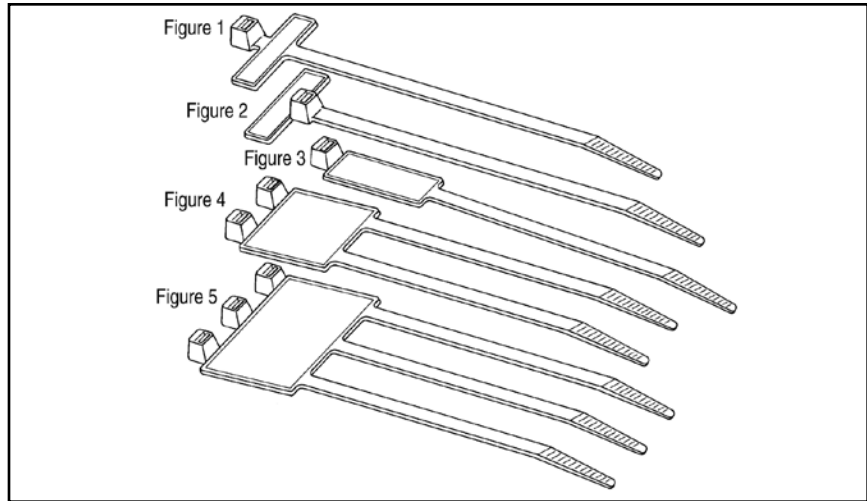| Std. Pkg. Catalog Number	Material	Max. Bundle Diameter Inches [mm]	Min. Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]
CT250200RQ	Natural Nylon 6/6	2.25 [57]	250	9.00 [229]	0.50 [13]
CT250200RQ0	Black Nylon 6/6 UV				
CT250500RQ	Natural Nylon 6/6	6.00 [152]		22.00 [559]	
CT250500RQ0	Black Nylon 6/6 UV				
CT250600RQ	Natural Nylon 6/6	6.00 [152]		22.00 [559]	
CT250600RQ0	Black Nylon 6/6 UV				
CT250800RQ	Natural Nylon 6/6	8.00 [203]		29.00 [737]	
CT250800RQ0	Black Nylon 6/6 UV				
CT2501000RQ	Natural Nylon 6/6	10.00 [254]		34.00 [864]	
CT2501000RQ0	Black Nylon 6/6 UV				
CT2501200RQ0	Black Nylon 6/6 UV	12.00 [305]		40.00 [1016]	

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

IDENTIFICATION CABLE TIES

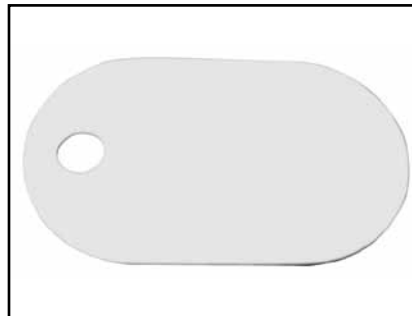Identification cable ties are used in both bundling and identifying wire groups at the same time.

Std. Pkg. Catalog Number	Material	Figure No.	Marking Pad Size Inches	Max. Bundle Diameter Inches [mm]	Min. Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]	Installation Tool & (Setting)
CT18075IDC		1	1 X 19/64	0.75 [19]	18	4.00 [102]	0.10 [3]	MK7 (MIN)
CT18075FLC		2	13/16 X 5/16	0.75 [19]	18	4.25 [108]	0.10 [3]	MK7 (MIN)
CT50175IDC	Natural Nylon 6/6	3	1 X 7/16	1.75 [44]	50	8.00 [203]	0.18 [5]	MK7 (STD)
CT50175ID2L		4	1-11/16 X 5/16	1.75 [44]	50	8.00 [203]	0.18 [5]	MK7 (STD)
CT50175ID3L		5	1-13/16 X 15/16	1.75 [44]	50	8.00 [203]	0.18 [5]	MK7 (STD)

MISCELLANEOUS ACCESSORIES

TYPE 145PTAG

94V0 Rated Plastic Tag for Telecom, Transportation & OEM Markets

The new 145PTAG has been designed specifically for the Telecom market. The tag is manufactured from Flame Retardant Nylon with a 94V0 rating. The tag is durable, non-flammable and can be secured to cabling using a multi-ply cord. Within the telecom market these tags typically have P-Touch labels applied or are manually stenciled on both sides. The usual application is to mark the tags in the field with far end termination information, panel identification, voice and data identification and wire & cable marking. For the OEM user, in addition to the P-Touch label or stenciling, tags can be marked with information using most inks or permanent markers, tags can be secured with a waxed cord, UNIRAP™ cable tie or some other equivalent.

Specifications

Dimensions:	1" X 1-3/4" by 0.06" thick
Material:	White Nylon UL 94V0
Packaging:	25 tags per polybag
Tag Marking:	Tags are shipped with no markings; markings applied in the field based on application.

Catalog Number	Description
145PTAG	94V0 Rated Plastic

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

MOUNTING HOLE CABLE TIES
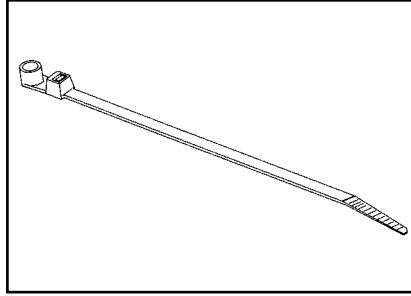
| Std. Pkg. Catalog Number	Material	Screw Size	Max. Bundle Diameter Inches [mm]	Min. Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]	Tool	Tool Setting	Bulk Catalog Number
CT18075MH4C	Natural Nylon 6/6	#4	0.75 [19]	18	4.25 [108]	0.10 [3]	MK7	Mini	CT18075MH4M
CT18075MH4C0	Black Nylon 6/6 UV	#4	0.75 [19]	18	4.25 [108]	0.10 [3]	MK7		—
CT30125MH8C	Nylon 6/6	#8	1.25 [32]	30	6.10 [155]	0.14 [4]	MK7	Intermediate	CT30125MH8M
CT30125MH8C0	Nylon 6/6 UV Standard	#8	1.25 [32]	30	6.25 [159]	0.14 [4]	MK7		—
CT50175MH10C	Nylon 6/6	#10	1.90 [48]	50	8.60 [218]	0.18 [5]	MK7	Standard	CT50175MH10M
CT50175MH10C0	Nylon 6/6 Standard	#10	1.90 [48]	50	8.60 [218]	0.18 [5]	MK7		CT50175MH10M0
CT50400MH10C	Nylon 6/6	#10	4.00 [102]	50	15.25 [387]	0.18 [5]	MK7		—
CT50400MH10C0	Nylon 6/6 Standard	#10	4.00 [102]	50	15.25 [387]	0.18 [5]	MK7		CT50400MH10M0
CT120400MH14L	Nylon 6/6	#14	4.00 [102]	120	15.90 [401]	0.30 [8]	MK9		CT120400MH14D
CT120400MH14L0	Nylon 6/6	#14	4.00 [102]	120	15.90 [401]	0.30 [8]	MK9		CT120400MH14D0

Blue highlighted items are industry standard and most frequently ordered.

Type CT-SSB

UNIRAP™

The Stainless Steel Barb cable ties (Type CT-SSB) are Nylon 6/6 with self locking stainless steel barbs and have an oval low profile head. There are no sharp edges helping prevent damaged cables. CT-SSB ties have a curved tip for faster initial threading to help speed installation and a no slip tail for easy grip during tensioning. CT-SSB ties are currently available in Natural and UV Black. Cable ties are cULus Listed for Wiring Positioning Devices.

LISTED
Type 21
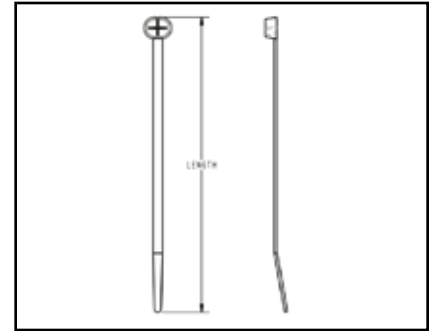
Features & Benefits

- Nylon 6/6 Standard
- Self-locking stainless steel barb
- Available in Black and Natural
- Maximum strength and adjustability for versatility

- Chemically resistant to solvents, oils, grease, and diluted acids
- Rounded edges and bent tail for easy installation
- Safe for air handling spaces
- Plenum rated

Catalog Number	Material	Color	Max Bundle Diameter	Tensile Strength (lbs)	Length	Width	Installation Tool	Bulk Catalog Number
CT18100SSBC		Natural	0.91"	18	4.02"	.09"	MK7 TWT1 CTT50 MK9	CT18100SSBM
CT18100SSBC0		Black	0.91"		4.02"			CT18100SSBM0
CT18200SSBC		Natural	2.01"		7.91"			CT18200SSBM
CT18200SSBC0		Black	2.01"		7.91"			CT18200SSBM0
CT40137SSBC		Natural	1.38"	40	5.91"	.14"	MK7 TWT1 CTT50 MK9	CT40137SSBM
CT40137SSBC0		Black	1.38"		5.91"	.14"		CT40137SSBM0
CT40200SSBC		Natural	1.97"		7.87"	.15"		CT40200SSBD
CT40200SSBC0		Black	1.97"		7.87"	.15"		CT40200SSBD0
CT40300SSBC	Nylon 6/6	Natural	3.15"		11.18"	.14"		CT40300SSBD
CT40300SSBC0		Black	3.15"		11.18"	.14"		CT40300SSBD0
CT40400SSBC		Natural	4.09"		14.49"			CT40400SSBD
CT40400SSBC0		Black	4.09"		14.49"			CT40400SSBD0
CT50175SSBC		Natural	1.77"	50	7.32"	.19"	MK7 TWT1 CTT50 MK9	CT50175SSBD
CT50175SSBC0		Black	1.77"		7.32"	.19"		CT50175SSBD0
CT50200SSBC		Natural	1.97"		7.87"	.24"		CT50200SSBB
CT50200SSBC0		Black	1.97"		7.87"	.24"		CT50200SSBB0
CT50250SSBC		Natural	2.56"		9.84"	.19"		CT50250SSBB
CT50250SSBC0		Black	2.56"		9.84"	.19"		CT50250SSBB0
CT50300SSBC		Natural	3.19"		11.61"	.19"		CT50300SSBB
CT50300SSBC0		Black	3.19"		11.61"	.19"		CT50300SSBB0

Blue highlighted items are industry standard and most frequently ordered.

Type CT-SSB

UNIRAP™

(Continued)

c(UL)us
LISTED
Type 21

| Catalog Number	Material	Color	Max Bundle Diameter	Tensile Strength (lbs)	Length	Width	Installation Tool	Bulk Catalog Number
CT50425SSBC		Natural	4.21"	50	14.96"	.19"	MK7, TWT1, CTT50, MK9	CT50425SSBB
CT50425SSBC0		Black						CT50425SSBB0
CT110200SSBC		Natural	2.01"		8.70"	.28"		CT110200SSBB
CT110200SSBC0		Black						CT110200SSBB0
CT110300SSBL		Natural	2.99"			.32"		CT110300SSBC
CT110300SSBL0		Black			11.81"			CT110300SSBC0
CT110325SSBC		Natural	3.15"			.28"		CT110325SSBB
CT110325SSBC0		Black						CT110325SSBB0
CT110350SSBL		Natural	3.62"		13.78"	.32"		CT110350SSBC
CT110350SSBL0		Black						CT110350SSBC0
CT110400SSBL		Natural	4.02"	110	14.88"	.28"	MK9	CT110400SSBC
CT110400SSBL0		Black						CT110400SSBC0
CT110500SSBL	Nylon 6/6	Natural	5.00"		18.11"	.28"		CT110500SSBC
CT110500SSBL0		Black						CT110500SSBC0
CT110600SSBL		Natural	5.98"		21.18"	.28"		CT110600SSBC
CT110600SSBL0		Black						CT110600SSBC0
CT110800SSBL		Natural	7.99"		27.52"	.28"		CT110800SSBC
CT110800SSBL0		Black						CT110800SSBC0
CT120300SSBL		Natural	3.15"		11.81"	.39"		CT120300SSBC
CT120300SSBL0		Black						CT120300SSBC0
CT120350SSBL		Natural	3.82"		13.78"	.39"		CT120350SSBC
CT120350SSBL0		Black					MK9 TWT2	CT120350SSBC0
CT120400SSBL		Natural	4.33"	120	15.75"	.39"		CT120400SSBC
CT120400SSBL0		Black						CT120400SSBC0
CT120500SSBL		Natural	4.92"		17.72"	.39"		CT120500SSBC
CT120500SSBL0		Black						CT120500SSBC0

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

HALAR® TIES

Halar® ties meet NEC regulations and can be used in applications where low smoke and low flame are a concern, as in air handling spaces. The raw material used to manufacture BURNDY® Halar® cable ties is UL 94V-0 rated. These ties come in a distinct color of red for easy identification.
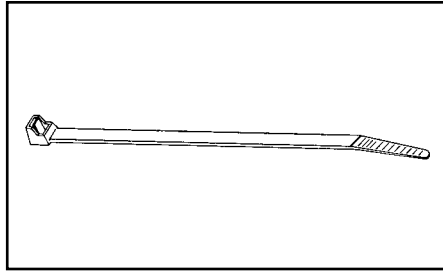
Features & Benefits

- Smooth, rounded edges help ensure safe, efficient handling
- Ergonomically designed installation tool consistently tensions and cuts off ties leaving flush edges
- Flame retardant and non-toxic for applications where safety from fire is critical
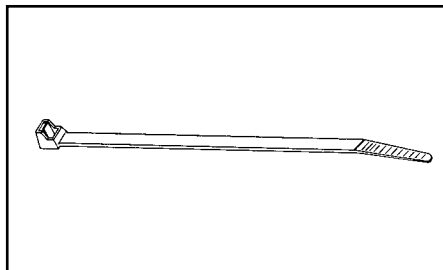
G-15

Halar® Cable Ties

Std. Pkg. Catalog Number	Material	Max. Bundle Diameter Inches[mm]	Min. Tensile Strength (lbs)	Length Inches[mm]	Width Inches[mm]	Installation Tool	Tool Setting	Bulk Catalog Number
CTH30200C	Halar	2.00 [51]	30	8.00 [203]	0.14 [4]	MK7	Intermediate	—
CTH50175C		1.75 [44]	50	8.00 [203]	0.18 [5]	MK7	Standard	CTH50175M

UNIRAP™

TEFZEL® TIES

Tefzel® ties provide excellent protection against radiation, ultraviolet light, and a wide range of chemicals. It is also rated for low outgassing applications. BURNDY® Tefzel® ties offer temperature stability to 150° C and come in a standard color of blue for easy identification.

Tefzel® Cable Ties

Std. Pkg. Catalog Number	Material	Max. Bundle Diameter Inches [mm]	Min. Tensile Strength (lbs)	Length Inches	Width Inches	Installation Tool	Tool Setting	Bulk Catalog Number
CTZ18075C	Tefzel	0.75 [19]	18	4.00	0.10	MK7	Mini	—
CTZ30200C		2.00 [51]	30	8.00	0.14	MK7	Intermediate	—
CTZ50175C		1.75 [44]	50	8.00	0.18	MK7	Standard	—
CTZ120400L		4.00 [102]	120	14.50	.030	MK9	Standard	CTZ120400D

Blue highlighted items are industry standard and most frequently ordered.

Type CTHS

UNIRAP™

Heat Stabilized Cable Ties

Catalog Number	Material	Max Bundle Diameter Inches	Tensile Strength Lbs.	Length Inches	Width Inches
CTHS18075M	Nylon 6/6 Heat Stabilized	.75	18	4.1	.10
CTHS140125M		1.25	40	5.8	.14
CTHS50700M		1.90	50	7.6	.18
CTHS50300M		3.00	50	11.1	.18
CTHS50400M		4.00	50	14.6	.18
CTHS120400M		4.00	120	15.0	.30

Blue highlighted items are industry standard and most frequently ordered.

TYPE TFV-B

HOOK AND LOOP STRAPS

Reusable and flexible BURNDY® Hook and Loop Straps are a unique self-gripping fastening system.

These ties are specifically used on fiberoptic applications.

The TFV-V2 flame retardant straps are UL Listed Wire Positioning Devices (ZODZ), UL94-V2 rated for use in air handling spaces in accordance with the NEC section 300-22 (c) and (d). Perfect for plenum areas.

25 straps are conveniently packaged in each polybag.
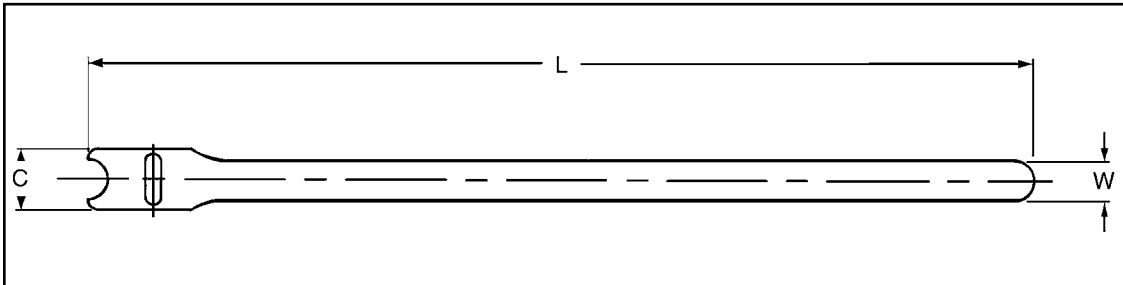
Catalog Number	Product Description	C	L	W	T	Max. Bundle Diameter	Avg. Sheer (PSI)	Avg. Peel (PIW)	Pkg. Qty.
TFV3B12V2	VELCRO® hook and loop strap, 3/4" x 12", Black, 25pk	0.75"	12.00"	0.50"	0.09"	3.0"	29	0.6	*1
TFV3B18V2	VELCRO® hook and loop strap, 3/4" x 18", Black, 25pk	0.75"	18.00"	0.50"	0.09"	5.0"	29	0.6	*1
TFV3B6V2	VELCRO® hook and loop strap, 3/4" x 6", Black, 25pk	0.75"	6.00"	0.50"	0.09"	1.0"	29	0.6	*1
TFV3BLU12	VELCRO® hook and loop strap, 3/4" x 12", Royal Blue, 25pk	0.75"	12.00"	0.50"	0.09"	3.0"	23	0.5	*1
TFV3BLU18	VELCRO® hook and loop strap, 3/4" x 18", Royal Blue, 25pk	0.75"	18.00"	0.50"	0.09"	5.0"	23	0.5	*1

* Straps sold by the package, quantity 1 package equals 25 straps.
** UL94-V2 listed.
VELCRO® is a registered trademark of Velcro USA, Inc.

Blue highlighted items are industry standard and most frequently ordered.

MOUNTING BASES

BURNDY® offers a wide variety of mounting bases suited for many applications. Mounting bases are used in conjunction with cable ties to stabilize and secure wire bundles, both indoors and outdoors. Mounting bases can be secured to a surface using rubber based adhesive, acrylic adhesive, or also can be screw mounted.

BURNDY's 4-way mounting bases are available in four sizes to accommodate CT18 through CT50 series cable ties. Insertion of ties can be made from all sides. Each mount may be secured with two screws, with adhesive backing, or both, for ease of application and stability. For applications where higher temperatures, certain chemicals, or UV radiation are a concern and an adhesive is the preferred method for securing, the acrylic adhesive 4-way mounting bases are recommended. The 2-way mounting bases may be secured with one screw, with adhesive backing, or both, and allow ties to be inserted from two sides.
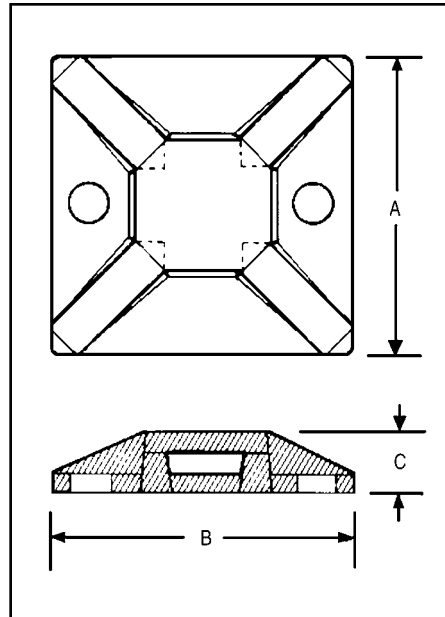
G-18

4-Way

Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C
CTB075S4C	Screw	0.14"	0.75"	0.75"	0.15"
CTB075AA4C	Acrylic Adhesive	0.14"	0.75"	0.75"	0.15"
CTB075RA4C	Rubber Adhesive	0.14"	0.75"	0.75"	0.15"
CTB075RA4M	Rubber Adhesive	0.14"	0.75"	0.75"	0.15"
CTB125S4C	Screw	0.20"	1.12"	1.12"	0.19"
CTB125AA4C	Acrylic Adhesive	0.20"	1.12"	1.12"	0.19"
CTB125RA4C	Rubber Adhesive	0.20"	1.12"	1.12"	0.19"
CTB125RA4L	Rubber Adhesive	0.20"	1.12"	1.12"	0.19"
CTB125RA4D	Rubber Adhesive	0.20"	1.12"	1.12"	0.19"
CTB150S4B	Screw	0.35"	1.50"	1.50"	0.25"
CTB150AA4C	Acrylic Adhesive	0.35"	1.50"	1.50"	0.25"
CTB150RA4C	Rubber Adhesive	0.35"	1.50"	1.50"	0.25"
CTB150RA4B	Rubber Adhesive	0.35"	1.50"	1.50"	0.25"

All bases listed above are natural. UV Black mounting bases are also available in nearly every size. Insert "0" after the part number.

2-Way

| Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C
CTB125S2C	Screw	0.18"	1.125"	1.125"	0.21"
CTB125RA2C	Rubber Adhesive	0.18"	1.125"	1.125"	0.21"

All bases listed above are natural. UV Black mounting bases are also available in nearly every size. Insert "0" after the part number.

Blue highlighted items are industry standard and most frequently ordered.

CABLE HANGERS

Cable Hangers provide a contact area range of 1/2" to 3/8" in width. All contact edges have a full radius for product protection, and sizes are clearly marked on each clamp.

Cable Hangers are injection molded. Available in white nylon 6/6 and black nylon 6/6.
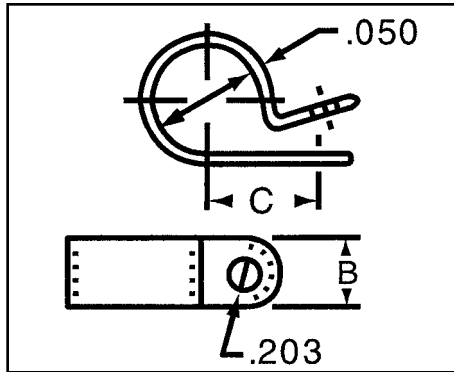
Catalog Number	Mounting Screw	Maximum Bundle Inches	Dimension B Inches (Width)	Dimension C Inches (Mount Hole Centers)
CH2C	#10 Screw	0.12	0.37	0.32
CH2M	#10 Screw	0.12	0.37	0.32
CH3C	#10 Screw	0.18	0.37	0.43
CH3M	#10 Screw	0.18	0.37	0.43
CH4C	#10 Screw	0.25	0.37	0.41
CH4M	#10 Screw	0.25	0.37	0.41
CH5C	#10 Screw	0.31	0.37	0.49
CH5M	#10 Screw	0.31	0.37	0.49
CH6C	#10 Screw	0.37	0.37	0.59
CH6M	#10 Screw	0.37	0.37	0.59
CH7C	#10 Screw	0.43	0.37	0.57
CH7M	#10 Screw	0.43	0.37	0.57
CH8C	#10 Screw	0.50	0.37	0.60
CH8M	#10 Screw	0.50	0.37	0.60
CH9C	#10 Screw	0.56	0.37	0.60
CH9M	#10 Screw	0.56	0.37	0.60
CH10C	#10 Screw	0.62	0.37	0.60
CH10M	#10 Screw	0.62	0.37	0.60
CH11C	#10 Screw	0.62	0.50	0.65
CH11M	#10 Screw	0.62	0.50	0.65
CH12C	#10 Screw	0.75	0.50	0.78
CH12M	#10 Screw	0.75	0.50	0.78
CH14C	#10 Screw	0.87	0.50	0.84
CH14M	#10 Screw	0.88	0.50	0.84
CH16C	#10 Screw	1.00	0.50	0.91
CH16M	#10 Screw	1.00	0.50	0.91
CH18C	#10 Screw	1.12	0.50	0.97
CH18M	#10 Screw	1.12	0.50	0.97
CH24L	#10 Screw	1.50	0.50	1.19
CH24C	#10 Screw	1.50	0.50	1.19

All hangers listed above are natural. UV Black cable hangers are also available in nearly every size. Insert "0" after the part number.

Blue highlighted items are industry standard and most frequently ordered.

Type CTSS

UNIRAP™

Stainless Steel 304 Cable Ties

BURNDY® Stainless Steel ties are designed to secure hoses, cables, poles, pipes and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. BURNDY® Stainless Steel ties can be used in virtually any indoor, outdoor and underground application.

BURNDY® Stainless Steel ties are made from Grade 304 Stainless Steel. This tie is designed with a low profile clamping bearing head with fully adjustable strap accommodating many bundle diameters.

Features & Benefits

- Meet the requirements of ABS
- 304 grade stainless steel
- Suitable for general purpose applications
- Smooth, rounded edges help ensure safe efficient handling
- Available in a wide range of lengths and widths
- Self locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

G-20

Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool
CTSS225100304C		0.99 [25]	225 (1000)	3.94 [100]	0.18 [4.6]	
CTSS225200304C		1.97 [50]	225 (1000)	7.87 [200]	0.18 [4.6]	
CTSS225300304C		3.00 [76]	225 (1000)	11.81 [300]	0.18 [4.6]	
CTSS225400304C		4.02 [102]	225 (1000)	15.75 [400]	0.18 [4.6]	
CTSS225500304C		5.04 [128]	225 (1000)	19.68 [500]	0.18 [4.6]	
CTSS225600304C		6.07 [154]	225 (1000)	23.62 [600]	0.18 [4.6]	
CTSS500200304L		1.97 [50]	500 (2200)	7.87 [200]	0.31 [7.9]	
CTSS500300304L		3.00 [76]	500 (2200)	11.81 [300]	0.31 [7.9]	
CTSS500400304L		4.02 [102]	500 (2200)	15.75 [400]	0.31 [7.9]	
CTSS500500304L		5.04 [128]	500 (2200)	19.68 [500]	0.31 [7.9]	
CTSS500600304L		6.07 [154]	500 (2200)	23.62 [600]	0.31 [7.9]	CTTSS900 MK9SST
CTSS500700304L		7.09 [180]	500 (2200)	27.56 [700]	0.31 [7.9]	
CTSS500750304L		7.60 [193]	500 (2200)	31.50 [800]	0.31 [7.9]	
CTSS500800304L	304 Stainless Steel	8.12 [206]	500 (2200)	39.37 [1000]	0.31 [7.9]	
CTSS700200304L		1.97 [50]	700 (3113)	7.87 [200]	0.50 [12.7]	
CTSS700300304L		3.00 [76]	700 (3113)	11.81 [300]	0.50 [12.7]	
CTSS700400304L		4.02 [102]	700 (3113)	15.75 [400]	0.50 [12.7]	
CTSS700500304L		5.04 [128]	700 (3113)	19.68 [500]	0.50 [12.7]	
CTSS700600304L		6.07 [154]	700 (3113)	23.62 [600]	0.50 [12.7]	
CTSS700700304L		7.09 [180]	700 (3113)	27.56 [700]	0.50 [12.7]	
CTSS700800304L		8.12 [206]	700 (3113)	39.37 [1000]	0.50 [12.7]	
CTSS900200304L		1.97 [50]	920 (4100)	7.87 [200]	0.62 [15.9]	
CTSS900300304L		3.00 [76]	920 (4100)	11.81 [300]	0.62 [15.9]	
CTSS900400304L		4.02 [102]	920 (4100)	15.75 [400]	0.62 [15.9]	
CTSS900500304L		5.04 [128]	920 (4100)	19.68 [500]	0.62 [15.9]	CTTSS900
CTSS900600304L		6.07 [154]	920 (4100)	23.62 [600]	0.62 [15.9]	
CTSS900700304L		7.09 [180]	920 (4100)	27.56 [700]	0.62 [15.9]	
CTSS900800304L		8.12 [206]	920 (4100)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

Type CTSS

UNIRAP™

Stainless Steel 316 Cable Ties

BURNDY® Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation and temperature extremes are a concern, BURNDY® Stainless Steel ties can be used in virtually any indoor, outdoor and underground application.

BURNDY® Stainless Steel ties are made from Grade 316 Stainless Steel. This tie is designed with a low profile clamping bearing head with fully adjustable strap accommodating many bundle diameters.

Features & Benefits

- Meet the requirements of ABS
- 316 grade stainless steel
- Suitable for rigorous corrosive conditions
- Smooth, rounded edges help ensure safe efficient handling
- Available in a wide range of lengths and widths
- Self locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

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Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tooling
CTSS225100316C		0.99 [25]	225 (1000)	3.94 [100]	0.18 [4.6]	
CTSS225200316C		1.97 [50]	225 (1000)	7.87 [200]	0.18 [4.6]	
CTSS225300316C		3.00 [76]	225 (1000)	11.81 [300]	0.18 [4.6]	
CTSS225400316C		4.02 [102]	225 (1000)	15.75 [400]	0.18 [4.6]	
CTSS225500316C		5.04 [128]	225 (1000)	19.68 [500]	0.18 [4.6]	
CTSS225600316C		6.07 [154]	225 (1000)	23.62 [600]	0.18 [4.6]	
CTSS500200316C		1.97 [50]	500 (2200)	7.87 [200]	0.31 [7.9]	
CTSS500300316C		3.00 [76]	500 (2200)	11.81 [300]	0.31 [7.9]	
CTSS500400316L		4.02 [102]	500 (2200)	15.75 [400]	0.31 [7.9]	
CTSS500500316L		5.04 [128]	500 (2200)	19.68 [500]	0.31 [7.9]	
CTSS500600316L		6.07 [154]	500 (2200)	23.62 [600]	0.31 [7.9]	CTTSS900 MK9SST
CTSS500700316L		7.09 [180]	500 (2200)	27.56 [700]	0.31 [7.9]	
CTSS500750316L		7.60 [193]	500 (2200)	31.50 [800]	0.31 [7.9]	
CTSS500800316L	316 Stainless Steel	8.12 [206]	500 (2200)	39.37 [1000]	0.31 [7.9]	
CTSS700200316L		1.97 [50]	700 (3113)	7.87 [200]	0.50 [12.7]	
CTSS700300316L		3.00 [76]	700 (3113)	11.81 [300]	0.50 [12.7]	
CTSS700400316L		4.02 [102]	700 (3113)	15.75 [400]	0.50 [12.7]	
CTSS700500316L		5.04 [128]	700 (3113)	19.68 [500]	0.50 [12.7]	
CTSS700600316L		6.07 [154]	700 (3113)	23.62 [600]	0.50 [12.7]	
CTSS700700316L		7.09 [180]	700 (3113)	27.56 [700]	0.50 [12.7]	
CTSS700800316L		8.12 [206]	700 (3113)	39.37 [1000]	0.50 [12.7]	
CTSS900200316L		1.97 [50]	920 (4100)	7.87 [200]	0.62 [15.9]	
CTSS900300316L		3.00 [76]	920 (4100)	11.81 [300]	0.62 [15.9]	
CTSS900400316L		4.02 [102]	920 (4100)	15.75 [400]	0.62 [15.9]	
CTSS900500316L		5.04 [128]	920 (4100)	19.68 [500]	0.62 [15.9]	CTTSS900
CTSS900600316L		6.07 [154]	920 (4100)	23.62 [600]	0.62 [15.9]	
CTSS900700316L		7.09 [180]	920 (4100)	27.56 [700]	0.62 [15.9]	
CTSS900800316L		8.12 [206]	920 (4100)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

Cable Ties

BURNDY®

Type CTSS-FC

UNIRAP™

Fully Coated 304 Cable Ties

The Stainless Steel fully coated cable ties (Type CTSS-FC) are designed with a steel ball type locking mechanism. There are no sharp edges which prevents damaged cables. These ties have smooth, rounded edges and polyester coating which add to the safety of the installer. High tensile strength along with the shield of the polyester coating offer a reliable and lasting bundling solution. CTSS-FC ties are currently available in black. BURNDY® stainless steel fully coated cable ties can be used in any indoor, outdoor or underground application.

Features & Benefits

- Meet the requirements of ABS
- 304 grade stainless steel
- Available in black only
- Suitable for general purpose applications
- Smooth, rounded edges along with the polyester coating add to the safety of the installer
- Self locking steel ball design speeds installation and locks into place at any length
- Available in a wide range of lengths and widths
- Comes with a benefit of halogen free low smoke polyester coating
- Provides a strong durable method of cable bundling

Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool
CTSS100100FC304C		0.98 [25]	160 (712)	3.94 [100]	0.18 [4.6]	
CTSS100200FC304C		1.97 [50]	160 (712)	7.87 [200]	0.18 [4.6]	
CTSS100300FC304C		3.00 [76]	160 (712)	11.81 [300]	0.18 [4.6]	
CTSS100400FC304C		4.02 [102]	160 (712)	15.75 [400]	0.18 [4.6]	
CTSS100500FC304C		5.04 [128]	160 (712)	19.68 [500]	0.18 [4.6]	
CTSS100600FC304C		6.07 [154]	160 (712)	23.60 [600]	0.18 [4.6]	
CTSS100800FC304C		8.11 [206]	160 (712)	31.50 [800]	0.18 [4.6]	
CTSS250200FC304L		1.97 [50]	250 (1112)	7.87 [200]	0.31 [7.9]	
CTSS250300FC304L		3.00 [76]	250 (1112)	11.81 [300]	0.31 [7.9]	
CTSS250400FC304L		4.02 [102]	250 (1112)	15.75 [400]	0.31 [7.9]	
CTSS250500FC304L		5.04 [128]	250 (1112)	19.68 [500]	0.31 [7.9]	
CTSS250600FC304L		6.06 [154]	250 (1112)	23.62 [600]	0.31 [7.9]	
CTSS250700FC304L		7.09 [180]	250 (1112)	27.56 [700]	0.31 [7.9]	
CTSS250800FC304L	304 Stainless Steel	8.11 [206]	250 (1112)	39.37 [1000]	0.31 [7.9]	CTTSS900 MK9SST
CTSS450200FC304L		1.97 [50]	450 (2002)	7.87 [200]	0.50 [12.7]	
CTSS450300FC304L		3.00 [76]	450 (2002)	11.81 [300]	0.50 [12.7]	
CTSS450400FC304L		4.02 [102]	450 (2002)	15.75 [400]	0.50 [12.7]	
CTSS450500FC304L		5.04 [128]	450 (2002)	19.68 [500]	0.50 [12.7]	
CTSS450600FC304L		6.06 [154]	450 (2002)	23.62 [600]	0.50 [12.7]	
CTSS450700FC304L		7.09 [180]	450 (2002)	27.56 [700]	0.50 [12.7]	
CTSS450800FC304L		8.11 [206]	450 (2002)	39.37 [1000]	0.50 [12.7]	
CTSS675200FC304Q		1.97 [50]	675 (3003)	7.87 [200]	0.62 [15.9]	
CTSS675300FC304Q		3.00 [76]	675 (3003)	11.81 [300]	0.62 [15.9]	
CTSS675400FC304Q		4.02 [102]	675 (3003)	15.75 [400]	0.62 [15.9]	
CTSS675500FC304Q		5.04 [128]	675 (3003)	19.68 [500]	0.62 [15.9]	CTTSS900
CTSS675600FC304Q		6.06 [154]	675 (3003)	23.62 [600]	0.62 [15.9]	
CTSS675700FC304Q		7.09 [180]	675 (3003)	27.56 [700]	0.62 [15.9]	
CTSS675800FC304Q		8.11 [206]	675 (3003)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

Type CTSS-FC

UNIRAP™

Fully Coated 316 Cable Ties

The BURNDY® Stainless Steel fully coated cable ties (Type CTSS-FC) are designed with a steel ball self locking mechanism. There are no sharp edges which prevents damaged cables. These ties have smooth, rounded edges and polyester coating which add to the safety of the installer. High tensile strength along with the shield of the polyester coating offer a reliable and lasting bundling solution. CTSS-FC ties are currently available in black. BURNDY® stainless steel fully coated cable ties can be used in any indoor, outdoor or underground application.

Features & Benefits

- Meet the requirements of ABS
- 316 grade stainless steel
- Available in black only
- Suitable for rigorous corrosive conditions
- Smooth, rounded edges along with the polyester coating add to the safety of the installer
- Self locking steel ball design, speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Available in a wide range of lengths and widths
- Comes with a benefit of halogen free low smoke polyester coating

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Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool
CTSS100100FC316C		0.98 [25]	160 (712)	3.94 [100]	0.18 [4.6]	
CTSS100200FC316C		1.97 [50]	160 (712)	7.87 [200]	0.18 [4.6]	
CTSS100300FC316C		3.00 [76]	160 (712)	11.81 [300]	0.18 [4.6]	
CTSS100400FC316C		4.02 [102]	160 (712)	15.75 [400]	0.18 [4.6]	
CTSS100500FC316C		5.04 [128]	160 (712)	19.68 [500]	0.18 [4.6]	
CTSS100600FC316C		6.07 [154]	160 (712)	23.60 [600]	0.18 [4.6]	
CTSS100800FC316C		8.11 [206]	160 (712)	31.50 [800]	0.18 [4.6]	
CTSS250200FC316L		1.97 [50]	250 (1112)	7.87 [200]	0.31 [7.9]	
CTSS250300FC316L		3.00 [76]	250 (1112)	11.81 [300]	0.31 [7.9]	
CTSS250400FC316L		4.02 [102]	250 (1112)	15.75 [400]	0.31 [7.9]	
CTSS250500FC316L		5.04 [128]	250 (1112)	19.68 [500]	0.31 [7.9]	CTTSS900 MK9SST
CTSS250600FC316L		6.06 [154]	250 (1112)	23.62 [600]	0.31 [7.9]	
CTSS250700FC316L		7.09 [180]	250 (1112)	27.56 [700]	0.31 [7.9]	
CTSS250800FC316L	316 Stainless Steel	8.11 [206]	250 (1112)	39.37 [1000]	0.31 [7.9]	
CTSS450200FC316L		1.97 [50]	450 (2002)	7.87 [200]	0.50 [12.7]	
CTSS450300FC316L		3.00 [76]	450 (2002)	11.81 [300]	0.50 [12.7]	
CTSS450400FC316L		4.02 [102]	450 (2002)	15.75 [400]	0.50 [12.7]	
CTSS450500FC316L		5.04 [128]	450 (2002)	19.68 [500]	0.50 [12.7]	
CTSS450600FC316L		6.06 [154]	450 (2002)	23.62 [600]	0.50 [12.7]	
CTSS450700FC316L		7.09 [180]	450 (2002)	27.56 [700]	0.50 [12.7]	
CTSS450800FC316L		8.11 [206]	450 (2002)	39.37 [1000]	0.50 [12.7]	
CTSS675200FC316Q		1.97 [50]	675 (3003)	7.87 [200]	0.62 [15.9]	
CTSS675300FC316Q		3.00 [76]	675 (3003)	11.81 [300]	0.62 [15.9]	
CTSS675400FC316Q		4.02 [102]	675 (3003)	15.75 [400]	0.62 [15.9]	
CTSS675500FC316Q		5.04 [128]	675 (3003)	19.68 [500]	0.62 [15.9]	CTTSS900
CTSS675600FC316Q		6.06 [154]	675 (3003)	23.62 [600]	0.62 [15.9]	
CTSS675700FC316Q		7.09 [180]	675 (3003)	27.56 [700]	0.62 [15.9]	
CTSS675800FC316Q		8.11 [206]	675 (3003)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

Type CTSS-PC

UNIRAP™

Partially Coated 304 Cable Ties

BURNDY® Stainless Steel partially coated cable ties (Type CTSS-PC) are designed with a steel ball self locking mechanism. There are no sharp edges which prevents damaged cables. These ties have smooth, rounded edges and polyester coating which add to the safety of the installer. High tensile strength along with the shield of the polyester coating offer a reliable and lasting bundling solution. CTSS-PC ties are currently available in black. BURNDY® stainless steel partially coated cable ties can be used in any indoor, outdoor or underground application.

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Features & Benefits

- Meet the requirements of ABS
- 304 grade stainless steel
- Available in black only
- Suitable for general purpose applications
- Smooth, rounded edges along with the polyester coating add to the safety of the installer
- Self locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Available in a wide range of lengths and widths
- Comes with a benefit of halogen free low smoke polyester coating

Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool
CTSS250200PC304L	304 Stainless Steel	1.97 [50]	270 (1201)	7.87 [200]	0.31 [7.9]	CTTSS900 MK9SST
CTSS250300PC304L		3.00 [76]	270 (1201)	11.81 [300]	0.31 [7.9]	
CTSS250400PC304L		4.02 [102]	270 (1201)	15.75 [400]	0.31 [7.9]	
CTSS250500PC304L		5.04 [128]	270 (1201)	19.68 [500]	0.31 [7.9]	
CTSS250600PC304L		6.06 [154]	270 (1201)	23.62 [600]	0.31 [7.9]	
CTSS250700PC304L		7.09 [180]	270 (1201)	27.56 [700]	0.31 [7.9]	
CTSS250800PC304L		8.11 [206]	270 (1201)	39.37 [1000]	0.31 [7.9]	
CTSS450200PC304L		1.97 [50]	450 (2002)	7.87 [200]	0.50 [12.7]	
CTSS450300PC304L		3.00 [76]	450 (2002)	11.81 [300]	0.50 [12.7]	
CTSS450400PC304L		4.02 [102]	450 (2002)	15.75 [400]	0.50 [12.7]	
CTSS450500PC304L		5.04 [128]	450 (2002)	19.68 [500]	0.50 [12.7]	
CTSS450600PC304L		6.06 [154]	450 (2002)	23.62 [600]	0.50 [12.7]	
CTSS450700PC304L		7.09 [180]	450 (2002)	27.56 [700]	0.50 [12.7]	
CTSS450800PC304L		8.11 [206]	450 (2002)	39.37 [1000]	0.50 [12.7]	
CTSS675200PC304Q		1.97 [50]	675 (3003)	7.87 [200]	0.62 [15.9]	CTTSS900
CTSS675300PC304Q		3.00 [76]	675 (3003)	11.81 [300]	0.62 [15.9]	
CTSS675400PC304Q		4.02 [102]	675 (3003)	15.75 [400]	0.62 [15.9]	
CTSS675500PC304Q		5.04 [128]	675 (3003)	19.68 [500]	0.62 [15.9]	
CTSS675600PC304Q		6.06 [154]	675 (3003)	23.62 [600]	0.62 [15.9]	
CTSS675700PC304Q		7.09 [180]	675 (3003)	27.56 [700]	0.62 [15.9]	
CTSS675800PC304Q		8.11 [206]	675 (3003)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

Type CTSS-PC

UNIRAP™

Partially Coated 316 Cable Ties

BURNDY® Stainless Steel partially coated cable ties (Type CTSS-PC) are designed with a steel ball self locking mechanism. There are no sharp edges which prevents damaged cables. These ties have smooth, rounded edges and polyester coating which add to the safety of the installer. High tensile strength along with the shield of the polyester coating offer a reliable and lasting bundling solution.CTSS-PC ties are currently available in black.BURNDY® stainless steel partially coated cable ties can be used in any indoor, outdoor or underground application.

Features & Benefits

- Meet the requirements of ABS
- 316 grade stainless steel
- Available in black only
- Suitable for rigorous corrosive conditions
- Smooth, rounded edges along with the polyester coating add to the safety of the installer
- Self locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Available in a wide range of length and width
- Comes with a benefit of halogen free low smoke polyester coating

G-25

Catalog Number	Material	Max Bundle Diameter Inches [mm]	Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool
CTSS250200PC316L		1.97 [50]	270 (1201)	7.87 [200]	0.31 [7.9]	
CTSS250300PC316L		3.00 [76]	270 (1201)	11.81 [300]	0.31 [7.9]	
CTSS250400PC316L		4.02 [102]	270 (1201)	15.75 [400]	0.31 [7.9]	
CTSS250500PC316L		5.04 [128]	270 (1201)	19.68 [500]	0.31 [7.9]	
CTSS250600PC316L		6.06 [154]	270 (1201)	23.62 [600]	0.31 [7.9]	
CTSS250700PC316L		7.09 [180]	270 (1201)	27.56 [700]	0.31 [7.9]	
CTSS250800PC316L		8.11 [206]	270 (1201)	39.37 [1000]	0.31 [7.9]	CTTSS900 MK9SST
CTSS450200PC316L		1.97 [50]	450 (2002)	7.87 [200]	0.50 [12.7]	
CTSS450300PC316L		3.00 [76]	450 (2002)	11.81 [300]	0.50 [12.7]	
CTSS450400PC316L	316 Stainless Steel	4.02 [102]	450 (2002)	15.75 [400]	0.50 [12.7]	
CTSS450500PC316L		5.04 [128]	450 (2002)	19.68 [500]	0.50 [12.7]	
CTSS450600PC316L		6.06 [154]	450 (2002)	23.62 [600]	0.50 [12.7]	
CTSS450700PC316L		7.09 [180]	450 (2002)	27.56 [700]	0.50 [12.7]	
CTSS450800PC316L		8.11 [206]	450 (2002)	39.37 [1000]	0.50 [12.7]	
CTSS675200PC316Q		1.97 [50]	675 (3003)	7.87 [200]	0.62 [15.9]	
CTSS675300PC316Q		3.00 [76]	675 (3003)	11.81 [300]	0.62 [15.9]	
CTSS675400PC316Q		4.02 [102]	675 (3003)	15.75 [400]	0.62 [15.9]	
CTSS675500PC316Q		5.04 [128]	675 (3003)	19.68 [500]	0.62 [15.9]	CTTSS900
CTSS675600PC316Q		6.06 [154]	675 (3003)	23.62 [600]	0.62 [15.9]	
CTSS675700PC316Q		7.09 [180]	675 (3003)	27.56 [700]	0.62 [15.9]	
CTSS675800PC316Q		8.11 [206]	675 (3003)	39.37 [1000]	0.62 [15.9]	

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

CABLE TIE VARIETY PACK

UL Listed

Catalog Number: **CTASST**

| Contents			
Quantity	Length	Color	Strength
100	4″	Natural	18# Strength
100	4″	Black	18# Strength
100	8″	Black	50# Strength
200	8″	Natural	50# Strength
50	11″	Natural	50# Strength
50	11″	Black	50# Strength

CABLE TIE TOOLS

Ergonomics and the prevention of repetitive motion injuries, coupled with the need to continually improve assembly efficiencies and procedures, are a major concern with most cable tie users. BURNDY® cable tie tools effectively address both issues. BURNDY® has world class cable tie tools to complement its line of high quality cable ties. BURNDY® cable tie tools are truly state-of-the-art in both design and performance.

BURNDY® tools make it easier for operators to install cable ties, while maintaining correct tension and flush cut-off. Worker safety is further enhanced as the tools can eliminate the sharp edges of a cut-off cable tie.

A / B
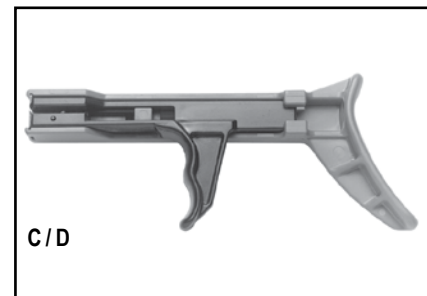
C / D

E / G

F

Catalog Number	Ref. Figure	Description	For Use On
MK7	A	Adjustable Tensioning Tool for Width 0.10" to 0.19"	Nylon 18-50 lbs
MK9	B	Adjustable Tensioning Tool for Width 0.19" to 0.35"	Nylon 18-250 lbs
TWT1	C	Non-adjustable Tensioning Tool for Width 0.10" to 0.19" Twist & Cut	Nylon 18-50 lbs
TWT2	D	Non-adjustable Tensioning Tool for Width 0.19" to 0.35" Twist & Cut	Nylon 120-175 lbs
CTT50	E	Adjustable Tensioning Tool for Width 0.10" to 0.19"	Nylon up to 50 lbs
CTSS900	F	Stainless Steel Tie Tool	SS Ties up to 900 lbs
MK9SST	G	Stainless Steel Tie Tool	SS Ties up to .5 width

Blue highlighted items are industry standard and most frequently ordered.