

Table of Contents

| | | | |
|---|------|-----------------------------------|------|
| Available Materials..... | G-2 | WILEY Bundle Straps..... | G-28 |
| Material Specifications..... | G-2 | WILEY Coated Straps..... | G-29 |
| Material Performance Guide..... | G-3 | WILEY Coated P-Clips..... | G-29 |
| Cable Tie Catalog Schema..... | G-3 | WILEY Cable Clips..... | G-30 |
| Military Specification Information for UNIRAP™ Cable Ties..... | G-4 | WILEY Rail Clips..... | G-31 |
| UNIRAP™ Nylon Cable Ties - Engineering and Performance..... | G-5 | Cable Tie Tools..... | G-32 |
| UNIRAP™ Standard Nylon 6/6 Cable Ties..... | G-6 | Split Loom Tubing..... | G-32 |
| UNIRAP™ Nylon 6/6 Identification Cable Ties..... | G-10 | 145PTAG 94V0 Rated Nylon Tag..... | G-32 |
| UNIRAP™ Nylon 6/6 Push Mount Cable Ties..... | G-10 | | |
| UNIRAP™ Nylon 6/6 Releasable Cable Ties..... | G-11 | | |
| UNIRAP™ Nylon 6/6 Metal Detectable Cable Ties..... | G-11 | | |
| UNIRAP™ Nylon 6/6 Mounting Hole Cable Ties..... | G-12 | | |
| UNIRAP™ Heat Stabilized 6/6 Nylon Cable Ties..... | G-12 | | |
| UNIRAP™ Nylon 6/6 Standard Cable Tie Mounting Bases..... | G-13 | | |
| UNIRAP™ Nylon 6/6 Cable Hangers..... | G-14 | | |
| UNIRAP™ Stainless Steel Barb Cable Ties..... | G-15 | | |
| UNIRAP™ Nylon 6/6 Universal Grade Cable Ties..... | G-17 | | |
| UNIRAP™ Nylon 6/6 Mounting Hole Universal Grade Cable Ties..... | G-19 | | |
| UNIRAP™ Nylon 6/6 Universal Grade Mounting Bases..... | G-19 | | |
| UNIRAP™ Nylon 6/6 Cable Tie Variety Canister..... | G-20 | | |
| UNIRAP™ Nylon 12 Cable Ties..... | G-20 | | |
| VELCRO® Hook and Loop Straps..... | G-21 | | |
| TEFZEL® Fluoropolymer Ties..... | G-21 | | |
| UNIRAP™ Stainless Steel Ties; Grade 304; Uncoated..... | G-22 | | |
| UNIRAP™ Stainless Steel Ties; Grade 304; Partially Coated..... | G-23 | | |
| UNIRAP™ Stainless Steel Ties; Grade 304; Fully Coated..... | G-24 | | |
| UNIRAP™ Stainless Steel Ties; Grade 316; Uncoated..... | G-25 | | |
| UNIRAP™ Stainless Steel Ties; Grade 316; Partially Coated..... | G-26 | | |
| UNIRAP™ Stainless Steel Ties; Grade 316; Fully Coated..... | G-27 | | |

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 hydroscopic, 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 — Metal Detectable

Metal content blended through cable tie. Meets US FDA food contact material compliance. Used to help prevent possible contamination that may result in recalls. Often used in food processing, beverage, pharmaceutical and cosmetic industries.

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.

Nylon 12 — UV Stabilized

Nylon 12 is resistant to chemicals and salts. Ideal for solar applications. Weather resistant grade, produced by the addition of stabilizers to the nylon resin.

Stainless Steel

Stainless Steel is used where corrosion, vibration, weathering, and temperature extremes are a concern. May be used for virtually any indoor, outdoor, or underground application. Available in both 304 and 316 Stainless Steel. Also available partially or fully coated with polyester.

TEFZEL® Fluoropolymer

TEFZEL® Fluoropolymer ties feature a low smoke density with excellent flammability rating (UL 94V-0) and tolerates extreme high and low temperatures. TEFZEL® comes in an aqua blue color with an operating temperature of Min. -112°F (-80°C), Max. 338°F (170°C). TEFZEL® is a Registered trademark of E. I. du Pont de Nemours and Company.

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 —40° F 85° C —40° C | 12,000 | 94V-2 | 28 | 1 x 10 ⁵ Rads | Poor | ASTM D-4066PA0111 FDA CFR177.1500 |
| Nylon 6/6 — Heat Stabilized (CTHS) | 220° F —40° F 105° C —40° C | 12,000 | 94V-2 | 26 | 1 x 10 ⁵ Rads | Poor | ASTM D-4066PA0121 |
| Nylon 6/6 — UV Stabilized (O) | 185° F —40° F 85° C —40° C | 12,000 | 94V-2 | 26 | 1 x 10 ⁵ Rads | Good | ASTM D4066PA0191 |
| Nylon 6/6 — 2% Carbon UV Stabilized (OO) | 220° F —40° F 105° C —40° C | 12,000 | 94V-2 | 26 | 1 x 10 ⁵ Rads | Good | ASTM D-4066PA0181 MS3367/8 |
| Nylon 6/6 — Flame Retardant (CTV) | 185° F —40° F 85° C —40° C | 10,800 | 94V-0 | 34 | 1 x 10 ⁵ Rads | Poor | ASTM D-4066PA0110 |
| Nylon 6/6 — High Impact | 185° F —40° F 85° C —40° C | 8,800 | 94-HB | 19 | 1 x 10 ⁵ Rads | Good | ASTM D-4066PA0150 |
| Polypropylene — Chemical Resistant (CTPP) | 185° F —40° F 85° C —40° C | 3,400 | 94-HB | N/A | 1 x 10 ⁵ Rads | Good | ASTM D-4101PP0320 FDA CFR177.1520 |
| Nylon 12 — UV Stabilized | 176° F —40° F 80° C —40° C | 5,800 | 94-HB | N/A | 9 x 10 ⁶ Rads | Good | ASTM D-4066PA411 |

* 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.

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. |
|------------------|---------------------------------|----------------------------|-----------------------|------------------------------------|-------------------------------|-----------------------------|--------------------|----------------------|
| Tensile Strength | 8 | 8 | 8 | 9 | 7 | 8 | 2 | 4 |
| High Temp. | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 |
| Flammability | 5 | 5 | 5 | 5 | 10 | 2 | 2 | 2 |
| UV Resistance | 1 | 1 | 5 | 8 | 1 | 2 | 5 | 3 |
| Radiation | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 |
| Chemical | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 |
| — Hydrocarbons | 8 | 8 | 8 | 8 | 8 | 8 | 6 | 8 |
| — Chlorinated | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 8 |
| — Hydrocarbons | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 5 |
| — Acids-Bases | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 6 |
| — Salts | 3 | 3 | 3 | 3 | 3 | 3 | 10 | 8 |
| Relative Cost | Low | Low | Med. | Med. | Med. | Med. | Med. | Med. |

1 = Least Recommended 10 = Most Recommended

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. 30 = 30 lbs. 40 = 40 lbs. | 075 = 3/4" 087 = 7/8" 100 = 1" | CPM = Center Push Mount DL = Double Loop EPR = Extended Pawl Releasable | V = 5 X = 10 Q = 25 | 0 = UV Black ¹ 00 = UV Black ² 02 = Red |
| CTAS = Aerial Support | 50 = 50 lbs. 100 = 100 lbs. 110 = 110 lbs. | 125 = 1-1/4" 137 = 1-3/8" 150 = 1-1/2" | ID = Single Head ID ID2 = Double Head ID ID3 = Triple Head ID | L = 50 C = 100 B = 250 D = 500 M = 1000 | 1 = Brown 2 = Red 3 = Orange 4 = Yellow 5 = Green 6 = Blue 7 = Purple 8 = Gray 9 = Neon Green 10 = White 11 = Telco Gray 12 = Pink 20 = Black |
| CTHS = Nylon 6/6 Heat Stabilized | 120 = 120 lbs. 175 = 175 lbs. 225 = 225 lbs. | 175 = 1-3/4" 200 = 2" 225 = 2-1/4" | FL = ID Flag MH4 = Mounting Hole #4 MH6 = Mounting Hole #6 MH8 = Mounting Hole #8 MH10 = Mounting Hole #10 MH14 = Mounting Hole #14 | | |
| CTV = Nylon 6/6 Flame Retardant UL94V-0 | 250 = 250 lbs. 450 = 450 lbs. 500 = 500 lbs. | 250 = 2-1/2" 300 = 3" 325 = 3-1/4" | PM = Push Mount Tie PML = Push Mount Tie w/Louvers PMW = Push Mount Tie w/Wing | | |
| CTPP = Polypropylene | 675 = 675 lbs. 700 - 700 lbs. 800 = 800 lbs. | 350 = 3-1/2" 400 = 4" 425 = 4-1/4" | R = Releasable Tie LD = Ladder LP = Low Profile Tie PS = Positive Stop SSB = Stainless Steel Barb | | |
| CTSS = Stainless Steel | 900 = 900 lbs. | 500 = 5" 600 = 6" 700 = 7" 750 = 7-1/2" 800 = 8" 900 = 9" 1000 = 10" 1100 = 11" 1200 = 12" 1300 = 13" 1400 = 14" | FC304 = Fully Coated 304 FC316 = Fully Coated 316 PC304 = Partially Coated 304 PC316 = Partially Coated 316 SSH = Stainless Steel Hook | | Blank = Natural |

¹Material: Nylon 6/6 — UV Stabilized

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

| Type | Bundle Diameter | Adhesive/Mounting Type | Figure # | Package | Color |
|---|------------------------------|--|----------|--------------------------------|-----------------|
| CTB | 100 | RA | | C | 0 |
| CTB = Cable Tie Base | 075 = 3/4" | RA = Rubber Adhesive | #1 | L = 50 | 0 = UV Black |
| CTBR = Cable Tie Base Rectangular | 125 = 1-1/4" 150 = 1-1/2" | AA = Acrylic Adhesive S = Screw Mounted | #2 #3 | C = 100 D = 500 M = 1000 | Blank = Natural |
| CTBRWR = Cable Tie Base Weather Resistant | | | | | |

Military Specification Information on UNIRAP™ Cable Ties

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

| Mil Spec | Distributor Pack Catalog Number | Bulk Pack Catalog Number | Color |
|-------------|---------------------------------|--------------------------|-----------------------|
| MS3367-1-0 | CT50175C00 | CT50175M00 | UV Black ² |
| MS3367-1-0 | CT50175C0 | CT50175M0 | UV Black ¹ |
| MS3367-1-1 | CT50175C1 | — | Brown |
| MS3367-1-2 | CT50175C2 | CT50175M02 | Red |
| MS3367-1-3 | CT50175C3 | — | Orange |
| MS3367-1-4 | CT50175C4 | — | Yellow |
| MS3367-1-5 | CT50175C5 | — | Green |
| MS3367-1-6 | CT50175C6 | — | Blue |
| MS3367-1-7 | CT50175C7 | — | Purple |
| MS3367-1-8 | CT50175C8 | — | Gray |
| MS3367-1-9 | CT50175C | CT50175M | Natural |
| MS3367-2-0 | CT50400C00 | CT50400M00 | UV Black ² |
| MS3367-2-0 | CT50400C0 | CT50400M0 | UV Black ¹ |
| MS3367-2-2 | CT50400C2 | CT50400M02 | Red |
| MS3367-2-3 | CT50400C3 | — | Orange |
| MS3367-2-9 | CT50400C | CT50400M | Natural |
| MS3367-3-0 | CT120400L00 | CT120400D00 | UV Black ² |
| MS3367-3-0 | CT120400L0 | CT120400D0 CT120400M0 | UV Black ¹ |
| MS3367-3-9 | CT120400L | CT120400D | Natural |
| MS3367-4-0 | CT18075C00 | CT18075M00 | UV Black ² |
| MS3367-4-0 | CT18075C0 | CT18075M0 | UV Black ¹ |
| MS3367-4-9 | CT18075C | CT18075M | Natural |
| MS3367-5-0 | CT30125C00 | CT30125M00 | UV Black ² |
| MS3367-5-0 | CT30125C0 | CT30125M0 | UV Black ¹ |
| MS3367-5-9 | CT30125C | CT30125M | Natural |
| MS3367-7-0 | CT50300C00 | CT50300M00 | UV Black ² |
| MS3367-7-0 | CT50300C0 | CT50300M0 | UV Black ¹ |
| MS3367-7-2 | CT50300C2 | — | Red |
| MS3367-7-9 | CT50300C | CT50300M | Natural |
| MS3367-10-0 | CT175600Q0 | — | UV Black ¹ |
| MS3367-10-9 | CT175600Q | — | Natural |
| MS3367-13-0 | CT175900Q00 | — | UV Black ² |
| MS3367-13-0 | CT1751100Q0 | — | UV Black ¹ |
| MS3367-13-9 | CT1751100Q | — | Natural |

¹Material: Nylon 6/6 UV Stabilized

²Material: Nylon 6/6 2% UV Stabilized - Mil. Spec.

UNIRAP™ Nylon Cable Ties

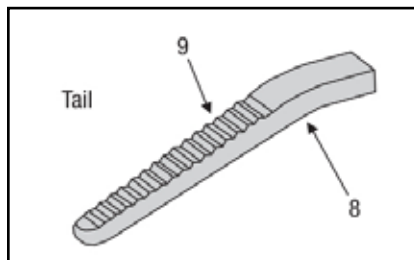
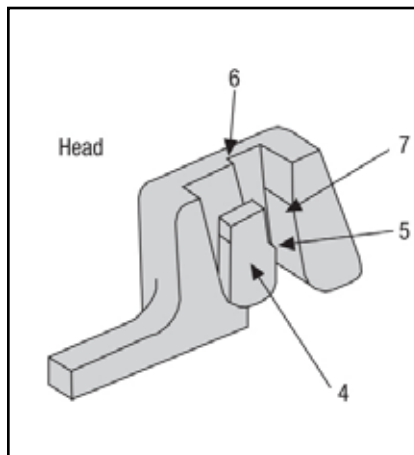
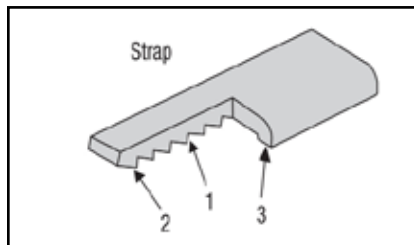
UNIRAP™ cable ties are fabricated of one piece Nylon with no metal parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalis, oils, grease and diluted acids. Self-locking, they secure without twisting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

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

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.

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

Enhanced Performance

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.

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.

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

UNIRAP™ Standard Cable Ties Type CT

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, or iodine when burned. Nylon 6/6 is hydroscopic, 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.

UV Black / UV Black (Mil. Spec.) are 2% Carbon UV Stabilized.



UL62275
Type 2 & 21

| Std Pkg Catalog Number | Color | Max. Bundle Dia. In. [mm] | Min. Tensile Strength (lb) | Length | Width | Installation Tooling | | Bulk Pkg Catalog Number | UL Type | Plenum Rated |
|---|-----------------------|---------------------------|----------------------------|------------|------------|----------------------|------------------------------|-------------------------|-----------------------|--------------|
| | | | | in [mm] | in [mm] | Tool | Tool Setting (if applicable) | | | |
| Nylon UNIRAP - 18 Lb. Tensile Strength | | | | | | | | | | |
| CT18075C | Natural (Mil. Spec.) | 0.75 [19.1] | 18 | 4.10 [104] | 0.10 [2.5] | CTT50 MK9 | 2 Std. | CT18075M | UL 62275, Type 2 & 21 | Y |
| CT18075C0 | UV Black (Mil. Spec.) | | | | | | | CT18075M0 | | |
| CT18075C00 | UV Black (Mil. Spec.) | | | | | | | CT18075M00 | | |
| CT18125C | Natural | 1.25 [31.8] | 18 | 6.10 [155] | 0.10 [2.5] | CTT50 MK9 | 2 Std. | CT18125M | | |
| CT18125C0 | UV Black | | | | | | | CT18125M0 | | |
| CT18125C3 | Orange | | | | | | | - | | |
| CT18125C4 | Yellow | | | | | | | - | | |
| CT18200C | Natural | 2.00 [50.8] | 18 | 8.10 [206] | 0.10 [2.5] | CTT50 MK9 | 2 Std. | CT18200M | | |
| CT18200C1 | Brown | | | | | | | - | | |
| CT18200C2 | Red | | | | | | | - | | |
| CT18200C5 | Green | | | | | | | - | | |
| CT18200C6 | Blue | | | | | | | - | | |
| CT18200C0 | UV Black | | | | | | | CT18200M0 | | |
| Nylon UNIRAP - 30 Lb. Tensile Strength | | | | | | | | | | |
| CT30125C | Natural (Mil. Spec.) | 1.25 [31.8] | 30 | 5.75 [146] | 0.14 [3.6] | CTT50 MK9 | 2 Std. | CT30125M | UL 62275, Type 2 & 21 | Y |
| CT18125C3 | Orange | | | | | | | - | | |
| CT18125C4 | Yellow | | | | | | | - | | |
| CT30125C0 | UV Black (Mil. Spec.) | | | | | | | CT30125M0 | | |
| CT30125C00 | UV Black (Mil. Spec.) | | | | | | | CT30125M00 | | |

UNIRAP™ Standard Cable Ties Type CT (Continued)



| Std Pkg Catalog Number | Color | Max. Bundle Dia. In. [mm] | Min. Tensile Strength (lb) | Length | Width | Installation Tooling | | Bulk Pkg Catalog Number | UL Type | Plenum Rated |
|---|--------------------------|------------------------------------|-------------------------------------|----------------|---------------|----------------------|------------------------------------|----------------------------------|--------------------------|-----------------|
| | | | | in [mm] | in [mm] | Tool | Tool Setting (if applicable) | | | |
| Nylon UNIRAP - 40 Lb. Tensile Strength | | | | | | | | | | |
| CT40200C | Natural | 2.00 [50.8] | 40 | 8.65 [220] | 0.14 [3.6] | CTT50 MK9 | 2 Std. | CT40200M | UL 62275, Type 2 & 21 | Y |
| CT40200C0 | UV Black | | | | | | | CT40200M0 | | |
| CT40200C00 | UV Black | | | | | | | CT40200M00 | | |
| CT40300C | Natural | 3.00 [76.2] | | 11.10 [282] | 0.18 [4.6] | CTT50 MK9 | 3 Std. | CT40300M | | |
| CT40300C0 | UV Black | | | | | | | CT40300M0 | | |
| CT40300C00 | UV Black | | | | | | | CT40300M00 | | |
| CT40400C | Natural | 4.00 [101.6] | | 14.60 [371] | 0.18 [4.6] | CTT50 MK9 | 3 Std. | CT40400M | | |
| CT40400C0 | UV Black | | | | | | | CT40400M0 | | |
| CT40400C00 | UV Black | | | | | | | CT40400M00 | | |
| Nylon UNIRAP - 50 Lb. Tensile Strength | | | | | | | | | | |
| CT50175C | Natural (Mil. Spec.) | 1.75 [44.5] | 50 | 7.60 [193] | 0.18 [4.6] | CTT50 MK9 | 3 Std. | CT50175M | UL 62275, Type 2 & 21 | Y |
| CT50175C0 | UV Black (Mil. Spec.) | | | | | | | CT50175M0 | | |
| CT50175C1 | Brown (Mil. Spec.) | | | | | | | CT50175M02 | | |
| CT50175C2 | Red (Mil. Spec.) | | | | | | | - | | |
| CT50175C3 | Orange (Mil. Spec.) | | | | | | | - | | |
| CT50175C4 | Yellow (Mil. Spec.) | | | | | | | - | | |
| CT50175C5 | Green (Mil. Spec.) | | | | | | | - | | |
| CT50175C6 | Blue (Mil. Spec.) | | | | | | | - | | |
| CT50175C7 | Purple (Mil. Spec.) | | | | | | | - | | |
| CT50175C8 | Gray (Mil. Spec.) | | | | | | | - | | |
| CT50175C00 | UV Black (Mil. Spec.) | | | | | | | CT50175M00 | | |

UNIRAP™ Standard Cable Ties Type CT (Continued)



UL62275
Type 2 & 21



UR1565



| Std Pkg Catalog Number | Color | Max. Bundle Dia. In. [mm] | Min. Tensile Strength (lb) | Length | Width | Installation Tooling | | Bulk Pkg Catalog Number | UL Type | Plenum Rated |
|------------------------|-----------------------|---------------------------|----------------------------|-------------|------------|----------------------|------------------------------|-------------------------|-----------------------|--------------|
| | | | | in [mm] | in [mm] | Tool | Tool Setting (if applicable) | | | |
| CT50300C | Natural (Mil. Spec.) | 3.00 [76.2] | 50 | 11.10 [282] | 0.18 [4.6] | CTT50 MK9 | 3 Std | CT50300M | UL 62275, Type 2 & 21 | Y |
| CT50300C0 | UV Black (Mil. Spec.) | | | | | | | CT50300M0 | | |
| CT50300C2 | Red (Mil. Spec.) | | | | | | | - | | |
| CT50300C00 | UV Black (Mil. Spec.) | | | | | | | CT50300M00 | | |
| CT50400C | Natural (Mil. Spec.) | 4.00 [101.6] | 50 | 14.60 [371] | 0.18 [4.6] | CTT50 MK9 | 3 Std | CT50400M | UL 62275, Type 2 & 21 | Y |
| CT50400C0 | UV Black (Mil. Spec.) | | | | | | | CT50400M0 | | |
| CT50400C2 | Red (Mil. Spec.) | | | | | | | CT50400M02 | | |
| CT50400C3 | Orange (Mil. Spec.) | | | | | | | - | | |
| CT50400C00 | UV Black (Mil. Spec.) | | | | | | | CT50400M00 | | |

Nylon UNIRAP - 120 Lb. Tensile Strength

| | | | | | | | | | | |
|-------------|-----------------------|--------------|-----|-------------|------------|-----|-------|--------------------------|-----------------------|---|
| CT120200L | Natural | 2.00 [50.8] | 120 | 9.00 [229] | 0.30 [7.6] | MK9 | Heavy | CT120200D | UL 62275, Type 2 & 21 | Y |
| CT120200L0 | UV Black (Mil. Spec.) | | | | | | | CT120200D0 | | |
| CT120400L | Natural (Mil. Spec.) | 4.00 [101.6] | 120 | 15.00 [381] | 0.30 [7.6] | MK9 | Heavy | CT120400D | UL 62275, Type 2 & 21 | Y |
| CT120400L0 | UV Black (Mil. Spec.) | | | | | | | CT120400D0 CT120400M0 | | |
| CT120400L00 | UV Black (Mil. Spec.) | | | | | | | CT120400D00 | | |
| CT120800L | Natural | 8.00 [203.2] | 120 | 28.51 [724] | 0.30 [7.6] | MK9 | Heavy | - | UL 62275, Type 2 & 21 | N |
| CT120800L00 | UV Black | | | | | | | - | | |

UNIRAP™ Standard Cable Ties Type CT (Continued)



| Std Pkg Catalog Number | Color | Max. Bundle Dia. In. [mm] | Min. Tensile Strength (lb) | Length | Width | Installation Tooling | | Bulk Pkg Catalog Number | UL Type | Plenum Rated | | |
|--|--------------------------|------------------------------------|-------------------------------------|-----------------|----------------|----------------------|------------------------------------|----------------------------------|--------------------------|-----------------|---|--------------------------|
| | | | | in [mm] | in [mm] | Tool | Tool Setting (if applicable) | | | | | |
| Nylon UNIRAP - 175 Lb. Tensile Strength | | | | | | | | | | | | |
| CT175500Q | Natural | 5.50 [139.7] | 175 | 18.10 [460] | 0.34 [8.6] | MK9 | Heavy | — | UL 62275, Type 2 & 21 | Y | | |
| CT175500Q0 | UV Black | | | — | | | | | | | | |
| CT175600Q | Natural (Mil. Spec.) | 7.00 [177.8] | | 24.51 [622] | 0.35 [8.9] | | | — | | | N | |
| CT175600Q0 | UV Black (Mil. Spec.) | | | — | | | | | | | | |
| CT175800Q0 | UV Black | 8.90 [222.1] | | 32.67 [830] | 0.35 [8.9] | | | — | | Y | | |
| CT175900Q | Natural | 8.75 [222.0] | | 36.50 [927] | 0.34 [8.6] | | | — | | | | |
| CT175900Q00 | UV Black (Mil. Spec.) | | | | | | | — | | | | |
| CT1751100Q | Natural (Mil. Spec.) | 11.00 [279.4] | | | | | | 48.00 [1219] | | 0.35 [8.9] | — | UR 1565 |
| CT1751100Q0 | UV Black (Mil. Spec.) | | | | | | | | | | — | |
| CT1751400Q0 | UV Black | 15.00 [381.0] | | | | | | 48.50 [1232] | | 0.34 [8.6] | — | UL 62275, Type 2 & 21 |
| CT1751500Q | Natural | | | | | | | | | | — | |
| Nylon UNIRAP - 250 Lb. Tensile Strength | | | | | | | | | | | | |
| CT250600Q | Natural | 6.00 [152.4] | 250 | 23.00 [584] | 0.35 [8.9] | MK9 | Heavy | — | UR 1565 | N | | |
| CT250600Q0 | UV Black | | | — | | | | | | | | |
| CT250800Q | Natural | 8.00 [203.2] | | 28.74 [730] | 0.35 [8.9] | | | — | | | | |
| CT250800Q0 | UV Black | | | 28.50 [724] | | | | — | | | | |
| CT2501000Q | Natural | 10.00 [254.0] | | 34.64 [880] | 0.50 [12.7] | | | — | | | | |
| CT2501200Q | Natural | 12.00 [305.0] | | 40.00 [1016] | 0.50 [12.7] | | | — | | | | |
| CT2501200Q0 | UV Black | | | | | | | — | | | | |

UNIRAP™ Identification Cable Ties Type CT-ID

Identification cable ties are used in both bundling and identifying the wire groups at the same time. Same material, features and benefits as the Nylon 6/6 Standard Cable Ties.

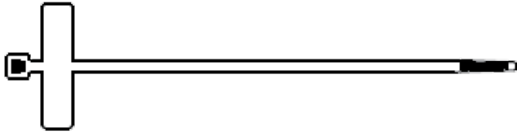


Fig. #2

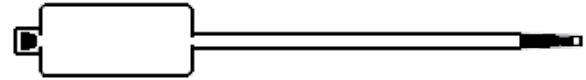


Fig. #1

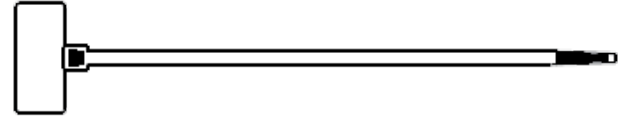


Fig. #3

| Std Pkg Catalog Number | Material | Color | Fig. | Marking Pad Size Inches | Max Bundle Diameter Inches [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Tool | Tool Setting (if applicable) |
|------------------------|-----------|---------|------|-------------------------|---------------------------------|----------------------------|--------------------|-------------------|-----------|------------------------------|
| CT18075FLC | Nylon 6/6 | Natural | 3 | .36 X .81 | 0.75 [19] | 18 | 4.10 [104] | 0.10 [2.5] | CTT50 MK9 | 2 Std. |
| CT18075IDC | | | 2 | .33 X 1.00 | 0.75 [19] | 18 | 4.01 [102] | 0.10 [2.5] | | |
| CT18200IDC | | | 2 | .33 X 1.00 | 2.09 [53] | 18 | 7.72 [196] | 0.10 [2.5] | | |
| CT50175IDC | | | 1 | .51 X 1.09 | 1.75 [44] | 50 | 7.48 [190] | 0.18 [4.6] | CTT50 MK9 | 3 Heavy |
| CT50250IDC | | | 1 | .51 X 1.09 | 2.95 [75] | 50 | 10.60 [269] | 0.19 [4.8] | | |

UNIRAP™ Push Mount Cable Ties Type CT-PM

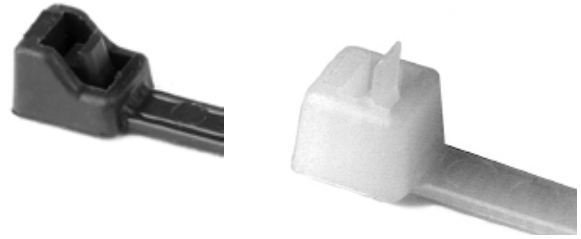
Push Mount Cable Ties attach cable bundle to other surface through a pre-drilled hole. One piece design provides extra stability, reliability, and consistent performance. Same material and features as the Nylon 6/6 Standard Cable Ties.



| Std Pkg Catalog Number | Material | Color | Max Bundle Diameter In. [mm] | Min Tensile Strength (lb) | Length Inches [mm] | Width Inches [mm] | Tool | Tool Setting (if applicable) |
|------------------------|-----------|----------|------------------------------|---------------------------|--------------------|-------------------|-----------|------------------------------|
| CT50175PMC | Nylon 6/6 | Natural | 1.75 [44.5] | 50 | 8.50 [216] | 0.18 [4.6] | CTT50 MK9 | 2 Heavy |
| CT50175PMC0 | | UV Black | | | | | | |

UNIRAP™ Releasable Cable Ties Type CT-R

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



| Std Pkg Catalog Number | Material | Color | Max Bundle Diameter In. [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Tool | Tool Setting (if applicable) |
|------------------------|-----------|----------|------------------------------|----------------------------|--------------------|-------------------|-----------|------------------------------|
| CT50175RC | Nylon 6/6 | Natural | 2.13 [54.1] | 50 | 8.00 [198] | 0.19 [4] | CTT50 MK9 | 2 Heavy |
| CT50175RC0 | | UV Black | | | | | | |
| CT50137RC | | Natural | 1.40 [35.6] | 50 | 6.00 [151] | | | |
| CT50400RC | | Natural | 4.00 [101.6] | 50 | 15.20 [387] | | | |
| CT50400RC0 | | UV Black | | | | | | |
| CT250200RQ | | Natural | 2.52 [64.0] | 250 | 9.50 [241] | 0.49 [12.4] | MK9 | Heavy |
| CT250200RQ0 | | UV Black | | | | | | |
| CT250500RQ | | Natural | 5.00 [127.0] | 250 | 20.00 [509] | | | |
| CT250500RQ0 | | UV Black | | | | | | |
| CT250600RQ | | Natural | 6.00 [152.4] | 250 | 24.30 [618] | | | |
| CT250600RQ0 | | UV Black | | | | | | |
| CT250800RQ | | Natural | 8.00 [203.2] | 250 | 28.50 [724] | | | |
| CT250800RQ0 | | UV Black | | | | | | |
| CT2501000RQ | | Natural | 9.76 [248.0] | 250 | 32.60 [830] | | | |

UNIRAP™ Metal Detectable Type CMDT

These ties are perfect for use in consumable products such as food processing applications, beverage, pharmaceutical, and cosmetic industries. The metal detectable ties are an excellent choice and are US FDA food contact material compliant*.

*Metal detectable material complies with the compositional requirements of US FDA regulations for Direct Food Contact; 21 CFR 177.1500 and 21 CFR 184.1375. Customer is responsible for ensuring the setting on metal detectable machines is adjusted and monitored for wet or dry products or environments, ferrous and non ferrous metals, type of food/products, packaging material speed, and orientation of scanned product.



| Catalog Number (100 per package) | Material | Color | Max Bundle Diameter In. [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches |
|----------------------------------|--|-------|------------------------------|----------------------------|--------------------|--------------|
| CMDT18075C5 | Nylon 6/6 Metal content blended throughout | Teal | .87 [22.2] | 18 | 4.12 [104.7] | .09 |
| CMDT40225C5 | | | 2.47 [60.3] | 40 | 8.87 [225.4] | .14 |
| CMDT50175C5 | | | 1.87 [47.6] | 50 | 7.56 [192.0] | .18 |
| CMDT50300C5 | | | 3.00 [77.7] | 50 | 11.25 [285.7] | .18 |
| CMDT50400C5 | | | 4.00 [101.6] | 50 | 14.25 [361.9] | .18 |
| CMDT120400C5 | | | 4.00 [101.6] | 120 | 15.09 [383.3] | .30 |

UNIRAP™ Mounting Hole Cable Ties Type CT-MH

Bundling and mounting, one easy installation. Ideal for use where bundle needs to be secured, such as control panels and ceilings. Can be bundled before or after mounting.



| Std Pkg Catalog Number | Color | Screw Size | Max Bundle Diameter In. [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Tool | Tool Setting (if applicable) | Bulk Catalog Number |
|------------------------|----------|------------|------------------------------|----------------------------|--------------------|-------------------|-----------|------------------------------|---------------------|
| CT18075MH4C | Natural | #4 | 0.75 [19.1] | 18 | 3.93 [100] | 0.10 [3.0] | CTT50 MK9 | 2 Std. | CT18075MH4M |
| CT30125MH8C | Natural | #8 | 1.25 [31.8] | 30 | 6.80 [173] | 0.14 [4.0] | CTT50 MK9 | 2 Std. | CT30125MH8M |
| CT30125MH8M0* | UV Black | | | | | | | | — |
| CT50175MH10C | Natural | #10 | 1.75 [44.5] | 50 | 8.10 [206] | 0.18 [5.0] | CTT50 MK9 | 3 Heavy | CT50175MH10M |
| CT50175MH10C0 | UV Black | | | | | | | | CT50175MH10M0 |
| CT50400MH10C | Natural | #10 | 4.00 [101.6] | 50 | 15.10 [384] | 0.18 [5.0] | CTT50 MK9 | 3 Heavy | — |
| CT50400MH10C0 | UV Black | | | | | | | | CT50400MH10M0 |
| CT120400MH14L | Natural | 1/4" | 4.00 [101.6] | 120 | 15.70 [399] | 0.30 [8.0] | MK9 | Heavy | CT120400MH14D |
| CT120400MH14L0 | UV Black | | | | | | | | CT120400MH14D0 |

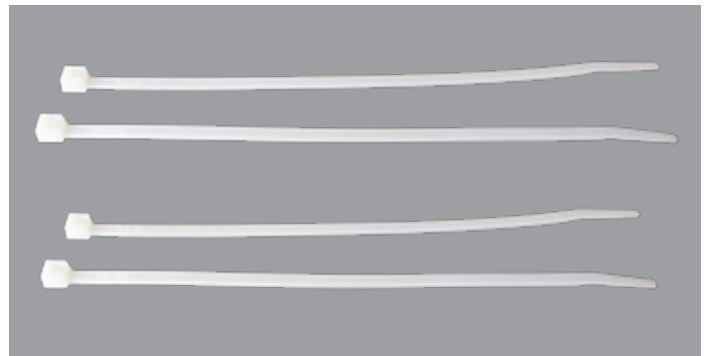
*Only available in Bulk Package of 1000 pieces.

UNIRAP™ Heat Stabilized Cable Ties Type CTHS

With similar properties and benefits as nylon 6/6, product manufactured with heat stabilized nylon 6/6 material have a chemical stabilizer added for higher continuous temperature applications. Range up to 225° F.

Features & Benefits

- Good fatigue resistance
- Resistant to chemicals
- Higher temperature range
- Meets the requirements of UL94V-2 flammability rating



| Catalog Number | Material | Color | Max Bundle Diameter In. [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Tool | Tool Setting (if applicable) |
|----------------|---------------------------|---------|------------------------------|----------------------------|--------------------|-------------------|-----------|------------------------------|
| CTHS18075M | Nylon 6/6 Heat Stabilized | Natural | 0.75 [19.1] | 18 | 4.10 [104] | 0.10 [2.5] | CTT50 MK9 | 2 Std. |
| CTHS40125M | | | 1.25 [31.8] | 40 | 5.75 [146] | 0.14 [3.6] | CTT50 MK9 | 2 Std. |
| CTHS50300M | | | 3.00 [76.2] | 50 | 11.10 [282] | 0.18 [4.6] | CTT50 MK9 | 3 Heavy |
| CTHS50400M | | | 4.00 [101.6] | 50 | 14.60 [371] | | | |
| CTHS50700M | | | 1.88 [47.8] | 50 | 7.60 [193] | | | |
| CTHS120400M | | | 4.00 [101.6] | 120 | 15.00 [381] | 0.30 [7.6] | MK9 | Heavy |

UNIRAP™ Standard Cable Tie Mounting Bases Type CTB

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.

The Rubber Adhesive has an operating temperature range from 14°F/-10°C to 140°F/60°C; Acrylic Adhesive has a temperature range of 14°F/-10°C to 176°F/80°C. When using the screw mounting option **ONLY** (not using any adhesive to secure the base) the product has a temperature range of -40°F/-40°C to 185°F/85°C.

These mounting bases are available to accommodate CT18 through CT50 series cable ties. Insertion of ties can be made from all sides. Each mount may be secured with screws, 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 mounting bases are recommended.



Fig. #1



Fig. #2



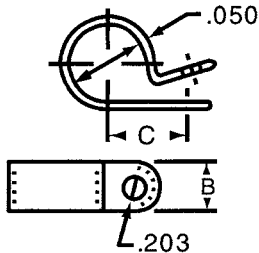
Fig. #3

| Std Pkg Catalog Number | Mounting Method | Figure # | Color | Min Tensile Strength (lbs) | Max Tie Slot Width [mm] | Width Inches [mm] | Length Inches [mm] | Bulk Catalog Number |
|------------------------|------------------------------------|----------|----------|----------------------------|-------------------------|-------------------|--------------------|---------------------|
| CTB075AAF1C | Acrylic Adhesive or #6 or #8 Screw | 1 | Natural | 11 | .17 [4.2] | 0.75 [19] | 0.75 [19] | CTB075AAF1M |
| CTB075AAF1C0 | Acrylic Adhesive or #6 or #8 Screw | 1 | UV Black | 11 | .17 [4.2] | 0.75 [19] | 0.75 [19] | — |
| CTB075RAF1C | Rubber Adhesive or #6 or #8 Screw | 1 | Natural | 11 | .17 [4.2] | 0.75 [19] | 0.75 [19] | CTB075RAF1M |
| CTB075RAF1C0 | Rubber Adhesive or #6 or #8 Screw | 1 | UV Black | 11 | .17 [4.2] | 0.75 [19] | 0.75 [19] | — |
| CTB075SF1C | #6 or #8 Screw Only | 1 | Natural | 11 | .17 [4.2] | 0.75 [19] | 0.75 [19] | CTB075SF1M |
| CTB100AAF2C | Acrylic Adhesive or #10 Screw | 2 | Natural | 36 | 0.22 [5.5] | 1.12 [28.4] | 1.12 [28.4] | CTB100AAF2D |
| CTB100AAF2C0 | Acrylic Adhesive or #10 Screw | 2 | UV Black | 36 | 0.22 [5.5] | 1.12 [28.4] | 1.12 [28.4] | — |
| CTB100RAF2L | Rubber Adhesive or #10 Screw | 2 | Natural | 36 | 0.22 [5.5] | 1.12 [28.4] | 1.12 [28.4] | CTB125RA4C |
| CTB100RAF2C0 | Rubber Adhesive or #10 Screw | 2 | UV Black | 36 | 0.22 [5.5] | 1.12 [28.4] | 1.12 [28.4] | — |
| CTB100SF2C | #6 or #8 Screw Only | 2 | Natural | 36 | 0.22 [5.5] | 1.12 [28.4] | 1.12 [28.4] | — |
| CTB150AAF3C | Acrylic Adhesive or #10 Screw | 3 | Natural | 58 | 0.39 [10] | 1.51 [38.4] | 1.51 [38.4] | CTB150AAF3D |
| CTB150RAF3C0 | Rubber Adhesive or #10 Screw | 3 | UV Black | 58 | 0.39 [10] | 1.51 [38.4] | 1.51 [38.4] | — |
| CTB150RAF3D | Rubber Adhesive or #10 Screw | 3 | Natural | 58 | 0.39 [10] | 1.51 [38.4] | 1.51 [38.4] | — |
| CTB150SF3C | #10 Screw Only | 3 | Natural | 58 | 0.39 [10] | 1.51 [38.4] | 1.51 [38.4] | — |
| CTB150RA4C | Rubber Adhesive or #10 Screw | 3 | Natural | 58 | 0.39 [10] | 1.51 [38.4] | 1.51 [38.4] | — |

UNIRAP™ Cable Hangers Type CH

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 Natural and UV Black nylon 6/6.



| Catalog Number | Mounting Screw | Color | Maximum Bundle Inches [mm] | Dimension B Width Inches [mm] | Dimension C (Mount Hole to Center) Inches [mm] | Bulk Catalog Number |
|----------------|----------------|----------|----------------------------|-------------------------------|--|---------------------|
| CH2C | #6 - #8 Screw | Natural | 0.12 [3.1] | 0.38 [9.7] | 0.33 | CH2M |
| CH2C0 | #6 - #8 Screw | UV Black | | | | — |
| CH3C | #10 Screw | Natural | 0.19 [4.8] | | 0.43 | CH3M |
| CH3C0 | #10 Screw | UV Black | | | | — |
| CH4C | #10 Screw | Natural | 0.25 [6.4] | | 0.41 | CH4M |
| CH4C0 | #10 Screw | UV Black | | | | CH4M0 |
| CH5C | #10 Screw | Natural | 0.31 [7.9] | | 0.50 | CH5M |
| CH5C0 | #10 Screw | UV Black | | | | — |
| CH6C | #10 Screw | Natural | 0.38 [9.7] | | 0.60 | CH6M |
| CH6C0 | #10 Screw | UV Black | | | | CH6M0 |
| CH7C | #10 Screw | Natural | 0.44 [11.2] | | 0.57 | CH7M |
| CH7C0 | #10 Screw | UV Black | | | | — |
| CH8C | #10 Screw | Natural | 0.50 [12.7] | | 0.61 | CH8M |
| CH8C0 | #10 Screw | UV Black | | | | — |
| CH9C | #10 Screw | Natural | 0.56 [14.2] | | 0.61 | CH9M |
| CH9C0 | #10 Screw | UV Black | | | | — |
| CH10C | #10 Screw | Natural | 0.62 [15.8] | 0.61 | CH10M | |
| CH10C0 | #10 Screw | UV Black | | | CH10M0 | |
| CH11C | #10 Screw | Natural | 0.62 [15.8] | 0.66 | CH11M | |
| CH12C | #10 Screw | Natural | 0.75 [19.1] | | 0.78 | CH12M |
| CH12C0 | #10 Screw | UV Black | | CH12M0 | | |
| CH14C | #10 Screw | Natural | 0.88 [22.4] | 0.85 | CH14M | |
| CH14C0 | #10 Screw | UV Black | | | — | |
| CH16C | #10 Screw | Natural | 1.00 [25.4] | 0.91 | CH16M | |
| CH18C | #10 Screw | Natural | 1.12 [28.5] | | 0.97 | CH18M |
| CH24L | #10 Screw | Natural | 1.50 [38.1] | 1.19 | | CH24C |
| CH24C0 | #10 Screw | UV Black | | | — | |

UNIRAP™ Stainless Steel Barb Cable Ties Type CT-SSB

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

Features & Benefits

- Nylon 6/6 Standard
- Self-locking stainless steel barb
- Available in UV 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



Type 21

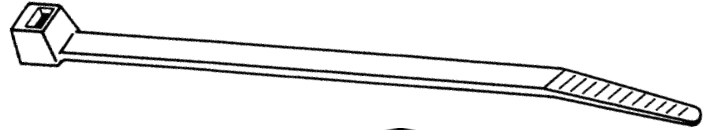
| Standard Catalog Number | Color | Max Bundle Diameter In. [mm] | Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Installation Tool | Tool Setting | Bulk Catalog Number |
|-------------------------|----------|------------------------------|------------------------|--------------------|-------------------|-------------------|--------------|---------------------|
| CT18087SSBC | Natural | 0.87 [22.0] | 18 | 3.94 [100] | 0.12 [3.0] | CTT50 | 1 | CT18087SSBM |
| CT18087SSBC0 | UV Black | | | | | | | CT18087SSBM0 |
| CT18100SSBC | Natural | 0.91 [23.1] | | 4.02 [102] | 0.09 [2.0] | | | CT18100SSBM |
| CT18100SSBC0 | UV Black | | | | | | | CT18100SSBM0 |
| CT18200SSBC | Natural | 2.01 [51.1] | | 7.91 [201] | 0.09 [2.0] | | | CT18200SSBM |
| CT18200SSBC0 | UV Black | | | | | | | CT18200SSBM0 |
| CT40137SSBC | Natural | 1.38 [35.1] | 40 | 5.91 [150] | 0.14 [3.0] | CTT50 MK9 | 2 Heavy | CT40137SSBM |
| CT40137SSBC0 | UV Black | | | | | | | CT40137SSBM0 |
| CT40200SSBC | Natural | 1.97 [50.0] | | 7.87 [200] | 0.15 [4.0] | | | CT40200SSBD |
| CT40200SSBC0 | UV Black | | | | | | | CT40200SSBD0 |
| CT40300SSBC | Natural | 3.15 [80.0] | | 11.18 [284] | 0.14 [3.0] | | | CT40300SSBD |
| CT40300SSBC0 | UV Black | | | | | | | CT40300SSBD0 |
| CT40400SSBC | Natural | 4.09 [103.9] | | 14.49 [368] | 0.14 [3.0] | | | CT40400SSBD |
| CT40400SSBC0 | UV Black | | | | | | | CT40400SSBD0 |
| CT50175SSBC | Natural | 1.77 [45.0] | 50 | 7.32 [186] | 0.19 [5.0] | CTT50 MK9 | 4 Heavy | CT50175SSBD |
| CT50175SSBC0 | UV Black | | | | | | | CT50175SSBD0 |
| CT50200SSBC | Natural | 1.97 [50.0] | | 7.87 [200] | 0.24 [6.0] | | | CT50200SSBB |
| CT50200SSBC0 | UV Black | | | | | | | CT50200SSBB0 |
| CT50250SSBC | Natural | 2.56 [65.0] | | 9.84 [250] | 0.19 [5.0] | | | CT50250SSBB |
| CT50250SSBC0 | UV Black | | | | | | | CT50250SSBB0 |
| CT50300SSBC | Natural | 3.19 [81.0] | 11.61 [295] | 0.19 [5.0] | CT50300SSBB | | | |
| CT50300SSBC0 | UV Black | | | | CT50300SSBB0 | | | |

UNIRAP™ Stainless Steel Barb Cable Ties Type CT-SSB (Continued)

| Standard Catalog Number | Color | Max Bundle Diameter In. [mm] | Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Installation Tool | Tool Setting | Bulk Catalog Number | | |
|-------------------------|----------|------------------------------|------------------------|--------------------|-------------------|-------------------|--------------|---------------------|---------------|---------------|
| CT50400SSBC | Natural | 3.94 | 50 | 14.33 | 0.19 | CTT50 MK9 | 4 Heavy | CT50400SSBB | | |
| CT50400SSBC0 | UV Black | [100.0] | | [364] | | | | [5.0] | CT50400SSBB0 | |
| CT50425SSBC | Natural | 4.21 | | 14.96 | | | | CT50425SSBB | | |
| CT50425SSBC0 | UV Black | [106.9] | | [380] | | | | CT50425SSBB0 | | |
| CT110200SSBC | Natural | 2.01 | 110 | 8.70 | 0.28 | MK9 | Heavy | CT110200SSBB | | |
| CT110200SSBC0 | UV Black | [51.1] | | [221] | | | | [7.0] | CT110200SSBB0 | |
| CT110225SSBL | Natural | 2.24 | | 9.45 | | | | 0.32 | CT110225SSBC | |
| CT110225SSBL0 | UV Black | [57.0] | | [240] | | | | [8.0] | CT110225SSBC0 | |
| CT110300SSBL | Natural | 2.99 | | 11.81 | | | | 0.32 | CT110300SSBC | |
| CT110300SSBL0 | UV Black | [76.0] | | | | | | | [8.0] | CT110300SSBC0 |
| CT110325SSBC | Natural | 3.15 | | [300] | | | | 0.28 | CT110325SSBB | |
| CT110325SSBC0 | UV Black | [80.0] | | | | | | | [7.0] | CT110325SSBB0 |
| CT110350SSBL | Natural | 3.62 | | 13.78 | | | | 0.32 | CT110350SSBC | |
| CT110350SSBL0 | UV Black | [92.0] | | | | | | | [350] | [8.0] |
| CT110400SSBL | Natural | 4.02 | | 14.88 | | | | 0.28 | CT110400SSBC | |
| CT110400SSBL0 | UV Black | [102.1] | | | | | | | [378] | CT110400SSBC0 |
| CT110500SSBL | Natural | 5.00 | | 18.11 | | | | | [460] | CT110500SSBC |
| CT110500SSBL0 | UV Black | [127.0] | | | | | | | | CT110500SSBC0 |
| CT110600SSBL | Natural | 5.98 | | 21.18 | | | | | [538] | CT110600SSBC |
| CT110600SSBL0 | UV Black | [151.9] | | | | | | | | CT110600SSBC0 |
| CT110800SSBL | Natural | 7.99 | 27.52 | [699] | CT110800SSBC | | | | | |
| CT110800SSBL0 | UV Black | [203.0] | | | CT110800SSBC0 | | | | | |
| CT120300SSBL | Natural | 3.15 | 120 | 11.81 | 0.39 | MK9 | Heavy | | CT120300SSBC | |
| CT120300SSBL0 | UV Black | [80.0] | | [300] | | | | | CT120300SSBC0 | |
| CT120350SSBL | Natural | 3.82 | | 13.78 | | | | | CT120350SSBC | |
| CT120350SSBL0 | UV Black | [97.0] | | [350] | | | | | CT120350SSBC0 | |
| CT120400SSBL | Natural | 4.33 | | 15.75 | | | | | CT120400SSBC | |
| CT120400SSBL0 | UV Black | [110.0] | | [400] | | | | | CT120400SSBC0 | |
| CT120500SSBL | Natural | 4.92 | | 17.72 | | | | | CT120500SSBC | |
| CT120500SSBL0 | UV Black | [125.0] | | [450] | | | | | CT120500SSBC0 | |

UNIRAP™ Universal Grade Cable Ties Type CT-UG

General purpose nylon 6/6 ties feature 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, or iodine when burned. Nylon 6/6 is hygroscopic, and therefore, absorbs or releases moisture depending on its environment. The moisture level of the material will affect tensile strength, stiffness and elongation of the product.



Features & Benefits

- Nylon 6/6 Standard
- Available in UV Black and Natural
- One piece injection molded
- Maximum strength and adjustability for versatility
- Chemically resistant to solvents, oils, grease, and diluted acids
- Rounded edges and bent tail for easy installation
- Self-locking

| Std Pkg Catalog Number | Color | Max. Bundle Dia. (in) [mm] | Min. Tensile Strength (lb) | Length inch [mm] | Width inch [mm] | Tool | Tool Setting (if applicable) | Bulk Pkg Catalog Number |
|---|----------|----------------------------|----------------------------|------------------|-----------------|-----------|------------------------------|-------------------------|
| Nylon UNIRAP - 18 Lb. Tensile Strength | | | | | | | | |
| CT18075CUG | Natural | 0.75 [19.1] | 18 | 3.94 [101] | 0.10 [2.5] | CTT50 MK9 | 2 Std. | CT18025MUG |
| CT18075C0UG | UV Black | | | CT18025M0UG | | | | |
| — | Natural | 2.00 [50.8] | | 7.95 [202] | | | | CT18200MUG |
| CT18200C0UG | UV Black | | | CT18200M0UG | | | | |
| Nylon UNIRAP - 30 Lb. Tensile Strength | | | | | | | | |
| CT30125CUG | Natural | 1.25 [31.8] | 30 | 5.90 [150] | 0.13 [3.3] | CTT50 MK9 | 2 Std. | CT30125MUG |
| CT30125C0UG | UV Black | | | | | | | — |
| Nylon UNIRAP - 40 Lb. Tensile Strength | | | | | | | | |
| CT40200CUG | Natural | 2.00 [50.8] | 40 | 7.90 [201] | 0.15 [3.8] | CTT50 MK9 | 3 Heavy | CT40200MUG |
| CT40400C0UG | UV Black | 4.00 [101.6] | | 14.50 [368] | | | | — |
| Nylon UNIRAP - 50 Lb. Tensile Strength | | | | | | | | |
| CT50175CUG | Natural | 1.75 [44.5] | 50 | 7.83 [199] | 0.18 [4.6] | CTT50 MK9 | 3 Heavy | CT50175MUG |
| CT50175C0UG | UV Black | | | CT50175M0UG | | | | |
| CT50300CUG | Natural | 3.00 [76.2] | | 11.34 [288] | | | | CT50300MUG |
| CT50300C0UG | UV Black | | | CT50300M0UG | | | | |
| CT50400CUG | Natural | 4.00 [101.6] | | 14.60 [371] | | | | CT50400MUG |
| CT50400C0UG | UV Black | | | — | | | | |

UNIRAP™ Universal Grade Cable Ties Type CT-UG (Continued)

| Std Pkg Catalog Number | Color | Max. Bundle Dia. (in) [mm] | Min. Tensile Strength (lb) | Length inch [mm] | Width inch [mm] | Tool | Tool Setting (if applicable) | Bulk Pkg Catalog Number | |
|--|----------|----------------------------------|-------------------------------|------------------------|-----------------------|--------------|---------------------------------|-------------------------------|-----------------|
| Nylon UNIRAP - 120 Lb. Tensile Strength | | | | | | | | | |
| CT120200L0UG | UV Black | 2.00 [50.8] | 120 | 8.87 [225] | 0.28 [7.1] | CTT50 MK9 | 3 Heavy | — | |
| CT120400LUG | Natural | 4.00 [101.6] | | 14.57 [370] | | | | — | |
| CT120400L0UG | UV Black | | | 17.70 [450] | | | | CT120400C0UG | |
| CT120500CUG | Natural | 5.00 [127.0] | | | | | | — | |
| CT120900LUG | Natural | 9.00 [228.6] | | | | | | 29.75 [756] | — |
| Nylon UNIRAP - 175 Lb. Tensile Strength | | | | | | | | | |
| CT175400Q0UG | UV Black | 4.00 [101.6] | 175 | 15.00 [381] | 0.35 [8.9] | MK9 | Heavy | — | |
| CT175600QUG | Natural | 6.00 [152.4] | | 21.00 [533] | | | | — | |
| CT175600Q0UG | UV Black | | | 9.00 [228.6] | | | | 32.00 [813] | — |
| CT175900Q0UG | UV Black | 11.00 [279.4] | | | | | | 36.00 [914] | — |
| CT1751100QUG | Natural | | | | | | | 14.00 [355.6] | 52.00 [1321] |
| CT1751100Q0UG | UV Black | 11.00 [279.4] | | 36.00 [914] | | | | | — |
| CT1751400QUG | Natural | | | 14.00 [355.6] | | | | 52.00 [1321] | — |
| Nylon UNIRAP - 250 Lb. Tensile Strength | | | | | | | | | |
| CT250800Q0UG | UV Black | 8.00 [203.2] | 250 | 29.00 [737] | 0.50 [12.7] | MK9 | Heavy | — | |

UNIRAP™ Universal Grade Cable Ties with Mounting Hole; Type CT-MH-UG

The CT-MH-UG Cable Ties use the same material and have the same benefits of our CT-UG Cable Ties with the addition of a mounting hole. 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 or 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 UV Black and Natural
- One piece injection molded
- Maximum strength and adjustability for versatility
- Chemically resistant to solvents, oils, grease, and diluted acids
- Rounded edges and bent tail for easy installation
- Self-locking



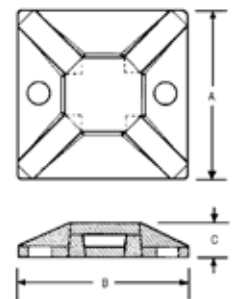
| Std Pkg Catalog Number | Color | Screw Size | Max Bundle Diameter Inches [mm] | Min Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | Installation Tool | Tool Setting |
|------------------------|----------|------------|---------------------------------|----------------------------|--------------------|-------------------|-------------------|--------------|
| CT50175MH10CUG | Natural | #10 | 1.75 [44.5] | 50 | 7.79 [198] | 0.18 [4.6] | CTT50 MK9 | 3 Std. |
| CT50175MH10C0UG | UV Black | | | 50 | | | | |
| CT50300MH10CUG | Natural | | 3.00 [76.2] | 50 | 11.73 [298] | | | |
| CT50300MH10C0UG | UV Black | | | 50 | | | | |

UNIRAP™ Universal Grade Cable Tie Mounting Bases; Type CTB-UG

These cable tie mounting bases may be secured with 2 screws and/or a rubber-based adhesive for ease of applications and stability. These bases are suited for many applications to stabilize and secure wire bundles, both indoors and outdoors.

Features & Benefits

- Nylon 6/6 Standard
- Chemically resistant to solvents, oils, grease, and diluted acids



| Std Pkg Catalog Number | Mounting Method | Max Tie Slot Width [mm] | Dimension A [mm] | Dimension B [mm] | Dimension C [mm] | Bulk Catalog Number |
|------------------------|-----------------|-------------------------|------------------|------------------|------------------|---------------------|
| CTB075RA4CUG | Rubber Adhesive | 0.14 [3.56] | 0.75 [19.0] | 0.75 [19.0] | 0.15 [3.8] | — |
| CTB125RA4CUG | Rubber Adhesive | 0.20 [5.08] | 1.125 [28.6] | 1.125 [28.6] | 0.19 [4.8] | CTB125RA4DUG |

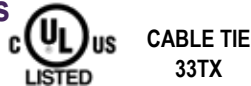
UNIRAP™ Cable Tie Variety Canister Type CTASST

There are times when a variety of lengths and color would be helpful. The Type CTASST Cable Tie Variety Canister is perfect when your needs change.



| Catalog Number | Contains | | | | | | Installation Tool | Tool Setting |
|----------------|----------|----------|---------------------|------------------------|--------------------|-------------------|-------------------|--------------|
| | Quantity | Color | Max Bundle Diameter | Tensile Strength (lbs) | Length Inches [mm] | Width Inches [mm] | | |
| CTASST | 100 | Natural | 0.75 [19.1] | 18 | 3.94 [100] | 0.10 [2.5] | CTT50 | 2 |
| | 100 | UV Black | | | | | | |
| | 200 | Natural | 1.75 [44.5] | 50 | 7.99 [203] | 0.13 [3.2] | CTT50 | 3 |
| | 100 | UV Black | | | | | | |
| | 50 | Natural | 3.00 [76.2] | 50 | 11.02 [280] | 0.19 [4.8] | | |
| | 50 | UV Black | | | | | | |

UNIRAP™ Nylon 12 Cable Ties Type CTNT



Nylon 12 cable ties provide excellent UV, chemical and moisture resistance. The ties feature inside serrations and a bent tail for quick and easy installation. Manufactured from polyamide 12 the ties also have a smooth edge to prevent bundle damage. Especially suitable in high moisture, corrosive (zinc chloride and dilute acids) environments or where low temperatures are a factor. Indoor or outdoor applications.



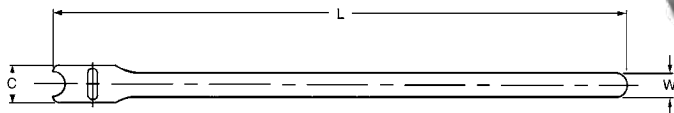
| Std Pkg Catalog Number | Color | Max. Bundle Dia. In. [mm] | Min. Tensile Strength (lb) | Length | Width | Installation Tooling | Bulk Pkg Catalog Number |
|------------------------|----------|---------------------------|----------------------------|-------------|------------|----------------------|-------------------------|
| | | | | in [mm] | in [mm] | Tool | |
| CTNT50200C0 | UV Black | 2.00 [50] | 50 | 7.50 [190] | 0.19 [4.8] | CTT50 | CTNT50200D0 |
| CTNT50275C0 | UV Black | 2.75 [70] | | 11.00 [280] | | | CTNT50275D0 |
| CTNT50350C0 | UV Black | 3.50 [90] | | 13.78 [350] | | | CTNT50350D0 |
| CTNT50400C0 | UV Black | 4.00 [102] | | 15.00 [380] | | | CTNT50400D0 |
| CTNT50500C0 | UV Black | 5.12 [130] | | 18.10 [460] | | | CTNT50500D0 |
| CTNT50575C0 | UV Black | 5.90 [150] | | 19.69 [500] | | | CTNT50575D0 |
| CTNT50650C0 | UV Black | 6.70 [170] | | 23.62 [600] | | | CTNT50650D0 |
| CTNT50725C0 | UV Black | 7.30 [185] | | 25.60 [650] | | | CTNT50725D0 |
| CTNT50750C0 | UV Black | 7.50 [190] | | 27.60 [700] | | | CTNT50750D0 |

VELCRO® Hook and Loop Straps Type TFV-B

Reusable and flexible, 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 | Max Bundle Diameter [mm] | C [mm] | L [mm] | W [mm] | T | Avg. Sheer (PSI) | Avg. Peel (PIW) | Pkg. Qty. |
|----------------|---|--------------------------|-------------|-------------|-----------|------|------------------|-----------------|---------------------|
| TFV3B12V2 | VELCRO® hook and loop strap, 3/4" x 12", Black, 25pk | 3.00 [76.2] | 0.75 [19.1] | 12.00 [305] | 0.50 [27] | 0.09 | 29 | 0.60 | 1 package = 25 ties |
| TFV3B18V2 | VELCRO® hook and loop strap, 3/4" x 18", Black, 25pk | 5.00 [127.0] | | 18.00 [457] | | | 29 | 0.60 | |
| TFV3B6V2 | VELCRO® hook and loop strap, 3/4" x 6", Black, 25pk | 1.00 [25.4] | | 6.00 [152] | | | 29 | 0.60 | |
| TFV3BLU12 | VELCRO® hook and loop strap, 3/4" x 12", Royal Blue, 25pk | 3.00 [76.2] | | 12.00 [305] | | | 23 | 0.50 | |
| TFV3BLU18 | VELCRO® hook and loop strap, 3/4" x 18", Royal Blue, 25pk | 5.00 [127.0] | | 18.00 [457] | | | 23 | 0.50 | |

TEFZEL® Cable Ties Type CTZ

TEFZEL® Fluoropolymer ties feature a low smoke density with excellent flammability rating (UL 94V-0) and tolerates extreme high and low temperatures. TEFZEL® ties come in distinctive aqua blue color with an operating temperature of Min. -112°F (-80°C), Max. 338°F (170°C).

TEFZEL® is a Registered trademark of E.I. du Pont de Nemours and Company.



| Catalog Number | Tensile | Max Bundle Diameter | Length | Pkg Qty |
|----------------|---------|---------------------|--------|---------|
| CTZ18075C6 | 18 lb | .87" | 4.00" | 100 |
| CTZ18125C6 | 18 lb | 1.39" | 6.25" | 100 |
| CTZ30200C6 | 30 lb | 2.00" | 4.00" | 100 |
| CTZ50175C6 | 50 lb | 1.75" | 7.75" | 100 |
| CTZ50300C6 | 50 lb | 3.00" | 11.00" | 100 |
| CTZ50400C6 | 50 lb | 4.00" | 14.50" | 100 |
| CTZ100300C6 | 100 lb | 3.00" | 11.00" | 50 |
| CTZ100400C6 | 100 lb | 4.00" | 14.50" | 50 |

UNIRAP™ Grade 304 Stainless Steel; Uncoated Type CTSS

BURNDY® 304 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.

These Stainless Steel ties are made from Grade 304 Stainless Steel. Designed with a low profile clamping bearing head with fully adjustable strap accommodating many bundle diameters.



Features & Benefits

- Meet ABS Requirements
- 304 Grade Stainless Steel
- Suitable for general purpose applications
- Smooth, rounded edges help ensure safe, efficient handling
- Available in a variety 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

| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches [mm] | Width Inches [mm] | Installation Tool |
|----------------|----------|------------------------------|---------------------------|--------------------|-------------------|-------------------|
| CTSS225100304C | 304 SS | 0.99 [25.2] | 225 | 3.94 [100] | 0.18 [4.6] | CTTSS900 |
| CTSS225200304C | | 1.97 [50.0] | | 7.87 [200] | | |
| CTSS225300304C | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS225400304C | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS225500304C | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS225600304C | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS500200304L | 304 SS | 1.97 [50.0] | 500 | 7.87 [200] | 0.31 [7.9] | CTTSS900 |
| CTSS500300304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS500400304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS500500304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS500600304L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS500700304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS500750304L | | 7.60 [193.0] | | 31.50 [800] | | |
| CTSS500800304L | | 8.12 [206.3] | | 39.37 [1000] | | |
| CTSS700200304L | 304 SS | 1.97 [50.0] | 700 | 7.87 [200] | 0.50 [12.7] | CTTSS900 |
| CTSS700300304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS700400304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS700500304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS700600304L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS700700304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS700800304L | | 8.12 [206.3] | | 39.37 [1000] | | |
| CTSS900200304L | 304 SS | 1.97 [50.0] | 920 | 7.87 [200] | 0.62 [15.9] | CTTSS900 |
| CTSS900300304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS900400304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS900500304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS900600304L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS900700304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS900800304L | | 8.12 [206.3] | | 39.37 [1000] | | |

**UNIRAP™ Grade 304 Stainless Steel;
Partially Coated; Type CTSS-PC**

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 ABS Requirements
- 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
- Halogen free low smoke polyester coating

| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches [mm] | Width Inches [mm] | Installation Tool |
|------------------|----------|------------------------------|---------------------------|--------------------|-------------------|-------------------|
| CTSS250200PC304L | 304 SS | 1.97 [50.0] | 270 | 7.87 [200] | 0.31 [7.9] | CTTSS900 |
| CTSS250300PC304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS250400PC304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS250500PC304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS250600PC304L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS250700PC304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS250800PC304L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS450200PC304L | 304 SS | 1.97 [50.0] | 450 | 7.87 [200] | 0.50 [12.7] | CTTSS900 |
| CTSS450300PC304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS450400PC304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS450500PC304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS450600PC304L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS450700PC304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS450800PC304L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS675200PC304Q | 304 SS | 1.97 [50.0] | 675 | 7.87 [200] | 0.62 [15.9] | CTTSS900 |
| CTSS675300PC304Q | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS675400PC304Q | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS675500PC304Q | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS675600PC304Q | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS675700PC304Q | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS675800PC304Q | | 8.11 [206.0] | | 39.37 [1000] | | |

UNIRAP™ Grade 304 Stainless Steel; Fully Coated; Type CTSS-FC

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 offers a reliable and lasting bundling solution. Type CTSS-FC ties are currently available only in black. BURNDY® stainless steel fully coated cable ties can be used in any indoor, outdoor, or underground applicaiton.

Features & Benefits

- Meet ABS Requirements
- 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
- Halogen free low smoke polyester coating



| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches [mm] | Width Inches [mm] | Installation Tool |
|------------------|----------|------------------------------|---------------------------|--------------------|-------------------|-------------------|
| CTSS100100FC304C | 304 SS | 0.98 [24.9] | 160 | 3.94 [100] | 0.18 [4.6] | CTTSS900 |
| CTSS100200FC304C | | 1.97 [50.0] | | 7.87 [200] | | |
| CTSS100300FC304C | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS100400FC304C | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS100500FC304C | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS100600FC304C | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS100800FC304C | | 8.11 [206.0] | | 31.50 [800] | | |
| CTSS250200FC304L | 304 SS | 1.97 [50.0] | 250 | 7.87 [200] | 0.31 [7.9] | CTTSS900 |
| CTSS250300FC304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS250400FC304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS250500FC304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS250600FC304L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS250700FC304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS250800FC304L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS450200FC304L | 304 SS | 1.97 [50.0] | 450 | 7.87 [200] | 0.50 [12.7] | CTTSS900 |
| CTSS450300FC304L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS450400FC304L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS450500FC304L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS450600FC304L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS450700FC304L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS450800FC304L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS675200FC304Q | 304 SS | 1.97 [50.0] | 675 | 7.87 [200] | 0.62 [15.9] | CTTSS900 |
| CTSS675300FC304Q | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS675400FC304Q | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS675500FC304Q | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS675600FC304Q | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS675700FC304Q | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS675800FC304Q | | 8.11 [206.0] | | 39.37 [1000] | | |

UNIRAP™ Grade 316 Stainless Steel; Uncoated Type CTSS

BURNDY® Stainless Steel ties (Type CTSS) 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 ABS Requirements
- 316 Grade Stainless Steel
- Suitable for rigorous corrosive conditions
- Smooth, rounded edges help ensure safe, efficient handling
- Available in a variety 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

| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches [mm] | Width Inches [mm] | Installation Tool |
|----------------|----------|------------------------------|---------------------------|--------------------|-------------------|-------------------|
| CTSS225100316C | 316 SS | 0.99 [24.9] | 225 | 3.94 [100] | 0.18 [4.6] | CTSS900 |
| CTSS225200316C | | 1.97 [50.0] | | 7.87 [200] | | |
| CTSS225300316C | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS225400316C | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS225500316C | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS225600316C | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS500200316C | 316 SS | 1.97 [50.0] | 500 | 7.87 [200] | 0.31 [7.9] | CTSS900 |
| CTSS500300316C | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS500400316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS500500316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS500600316L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS500700316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS500750316L | | 7.60 [193.0] | | 31.50 [800] | | |
| CTSS500800316L | | 8.12 [206.3] | | 39.37 [1000] | | |
| CTSS700200316L | 316 SS | 1.97 [50.0] | 700 | 7.87 [200] | 0.50 [12.7] | CTSS900 |
| CTSS700300316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS700400316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS700500316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS700600316L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS700700316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS700800316L | | 8.12 [206.3] | | 39.37 [1000] | | |
| CTSS900200316L | 316 SS | 1.97 [50.0] | 920 | 7.87 [200] | 0.62 [15.9] | CTSS900 |
| CTSS900300316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS900400316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS900500316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS900600316L | | 6.07 [154.2] | | 23.62 [600] | | |
| CTSS900700316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS900800316L | | 8.12 [206.3] | | 39.37 [1000] | | |

UNIRAP™ Grade 316 Stainless Steel; Partially Coated; Type CTSS-PC

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 ABS Requirements
- 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
- Halogen free low smoke polyester coating

| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches [mm] | Width Inches [mm] | Installation Tool |
|------------------|----------|------------------------------|---------------------------|--------------------|-------------------|-------------------|
| CTSS250200PC316L | 316 SS | 1.97 [50.0] | 270 | 7.87 [200] | 0.31 [7.9] | CTSS900 |
| CTSS250300PC316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS250400PC316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS250500PC316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS250600PC316L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS250700PC316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS250800PC316L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS450200PC316L | 316 SS | 1.97 [50.0] | 450 | 7.87 [200] | 0.50 [12.7] | CTSS900 |
| CTSS450300PC316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS450400PC316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS450500PC316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS450600PC316L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS450700PC316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS450800PC316L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS675200PC316Q | 316 SS | 1.97 [50.0] | 675 | 7.87 [200] | 0.62 [15.9] | CTSS900 |
| CTSS675300PC316Q | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS675400PC316Q | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS675500PC316Q | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS675600PC316Q | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS675700PC316Q | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS675800PC316Q | | 8.11 [206.0] | | 39.37 [1000] | | |

UNIRAP™ Grade 316 Stainless Steel; Fully Coated; Type CTSS-FC

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 offers a reliable and lasting bundling solution. Type CTSS-FC ties are currently available only in black. BURNDY® stainless steel fully coated cable ties can be used in any indoor, outdoor, or underground application.

Features & Benefits

- Meet ABS Requirements
- 316 Grade Stainless Steel
- Available in Black only
- 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



| Catalog Number | Material | Max Bundle Diameter In. [mm] | Min Tensile Strength Lbs. | Length Inches | Width Inches | Installation Tool |
|------------------|----------|------------------------------|---------------------------|---------------|--------------|-------------------|
| CTSS100100FC316C | 316 SS | 0.98 [24.9] | 160 | 3.94 [100] | 0.18 [4.6] | CTSS900 |
| CTSS100200FC316C | | 1.97 [50.0] | | 7.87 [200] | | |
| CTSS100300FC316C | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS100400FC316C | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS100500FC316C | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS100600FC316C | | 6.07 [154.2] | | 23.60 [600] | | |
| CTSS100800FC316C | | 8.11 [206.0] | | 31.50 [800] | | |
| CTSS250200FC316L | 316 SS | 1.97 [50.0] | 250 | 7.87 [200] | 0.31 [7.9] | CTSS900 |
| CTSS250300FC316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS250400FC316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS250500FC316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS250600FC316L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS250700FC316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS250800FC316L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS450200FC316L | 316 SS | 1.97 [50.0] | 450 | 7.87 [200] | 0.50 [12.7] | CTSS900 |
| CTSS450300FC316L | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS450400FC316L | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS450500FC316L | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS450600FC316L | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS450700FC316L | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS450800FC316L | | 8.11 [206.0] | | 39.37 [1000] | | |
| CTSS675200FC316Q | 316 SS | 1.97 [50.0] | 675 | 7.87 [200] | 0.62 [15.9] | CTSS900 |
| CTSS675300FC316Q | | 3.00 [76.2] | | 11.81 [300] | | |
| CTSS675400FC316Q | | 4.02 [102.1] | | 15.75 [400] | | |
| CTSS675500FC316Q | | 5.04 [128.0] | | 19.68 [500] | | |
| CTSS675600FC316Q | | 6.06 [153.9] | | 23.62 [600] | | |
| CTSS675700FC316Q | | 7.09 [180.1] | | 27.56 [700] | | |
| CTSS675800FC316Q | | 8.11 [206.0] | | 39.37 [1000] | | |

Wiley Bundle Straps

High-quality wire management solutions

The Wiley Bundle Strap is made of corrosion resistant 304 stainless steel, which makes for a durable, long lasting and reliable solution for all environments. The vinyl jacket covering the stainless steel wire is designed to protect cable insulation from damage. The Wiley Bundle Strap is easy to install and can be crimped in the field with electrician linesman pliers or standard wire cutters. The crimp sleeve's retention feature allows for a quick, effortless, secure installation. Custom lengths available upon request.

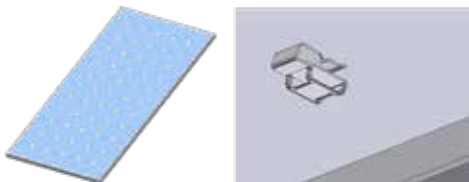
Features and Benefits:

- UL 62275 Listed
- High quality, long-lasting, labor saving, wire management solution
- UV rated vinyl jacketed stainless steel wire with 304 stainless steel crimp
- Vinyl jacket designed to protect cable insulation from damage
- 304 stainless steel crimp sleeve allows for quick and easy installation
- Can be crimped in the field with electrician linesman pliers or standard wire cutters
- Retention feature allows for a quick, effortless, secure installation
- Lasts for the lifetime of the PV system
- RoHS compliant
- Custom lengths available upon request

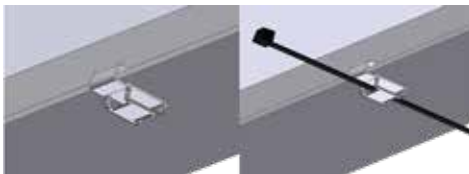


ACC-FBC shown with WBS8V

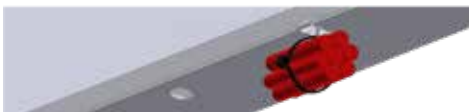
Installing the ACC-FBC with WBS or UNIRAP™ cable tie



The ACC-FBC mounting base slides onto the module flange



Route a WBS or UNIRAP™ through the ACC-FBC mounting base



Secure desired cables by tightening the WBS or UNIRAP™

Wiley Bundle Straps

304 Stainless Steel wire covered with vinyl jacket helps protect cable insulation from damage

| Catalog Number | Length inch [mm] | Diameter inch [mm] | Max. Tensile Strength | Max. Bundle Diameter inch [mm] | Material |
|----------------|---------------------|-----------------------|--------------------------|--------------------------------------|--|
| WBS8V | 8.00 [203.20] | 0.06 [1.50] | 100 lbs. | 2.30 [58.40] | Vinyl Insulated 304 Stainless Steel Wire |
| WBS10V | 10.00 [254.00] | 0.06 [1.50] | 100 lbs. | 2.92 [74.00] | |
| WBS12V | 12.00 [304.80] | 0.06 [1.50] | 100 lbs. | 3.88 [98.50] | |
| WBS14V | 14.00 [356.00] | 0.06 [1.50] | 100 lbs. | 4.20 [106.70] | |
| WBS20V | 20.00 [508.00] | 0.06 [1.50] | 100 lbs. | 6.36 [161.50] | |
| WBS24V | 24.00 [609.60] | 0.06 [1.50] | 100 lbs. | 7.00 [178.00] | |
| WBS30V | 30.00 [762.00] | 0.06 [1.50] | 100 lbs. | 8.75 [222.00] | |
| WBS36V | 36.00 [914.40] | 0.06 [1.50] | 100 lbs. | 11.00 [279.40] | |

Mounting Platform for WBS Bundle Straps or UNIRAP™ Cable Ties

304 Stainless Steel cable clip used for affixing cable ties to a module flange or similar flange.

| Catalog Number | Length inch [mm] | Width inch [mm] | Height inch [mm] | Max. Cable Tie Width inch [mm] | Frame Thickness |
|----------------|---------------------|--------------------|---------------------|-----------------------------------|-----------------|
| ACC-FBC | 0.55 [14.00] | 0.48 [12.20] | 0.27 [7.00] | 0.31 [8.00] | 1.3mm to 2.5mm |

Wiley Coated Wire Management

Coated Straps, Coated P-Clips

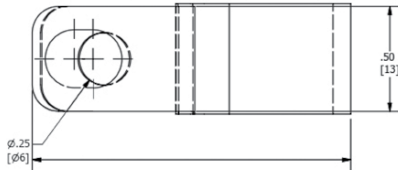
Wiley coated products are a durable, long lasting and reliable solution for protecting wires and cables. The vinyl coating acts as a shield against vibration and cable insulation damage. Wiley coated P-Clips easily install into a mounting hole with 1/4" hardware. Wiley coated straps are the perfect reusable, long lasting alternative to a cable tie solution. These products are great for general wire fastening applications, such as holding hydraulic hoses, wire harnesses, cables, and everyday solar wire management. Indoor/Outdoor rated and UV resistant.



Wiley Coated Straps

Vinyl coated steel straps protect cables from vibration and insulation damage

| Catalog Number | Length inch [mm] | Diameter inch [mm] | Max. Bundle Diameter inch [mm] | Material | UL |
|----------------|---------------------|-----------------------|--------------------------------------|---------------------|--------------------|
| WIS8-2 | 7.87 [200.0] | 0.24 [6.0] | 2.00 [50.8] | PVC coated steel | UL 62275 Listed |
| WIS12-3 | 11.80 [300.0] | 0.24 [6.0] | 3.00 [76.2] | | |



Wiley Coated P-Clips

Vinyl coated steel p-clips protect cables from vibration and insulation damage

| Catalog Number | Width inch [mm] | Max. Bundle Diameter inch [mm] | Material | UL |
|----------------|--------------------|--------------------------------------|---------------------------------|----------------|
| WIPC14-14 | 0.24 [6.0] | 0.25 [6.4] | PVC coated zinc plated steel | UL 1565 Listed |
| WIPC14-12 | 0.24 [6.0] | 0.50 [12.7] | | |
| WIPC14-34 | 0.24 [6.0] | 0.75 [19.0] | | |
| WIPC14-1 | 0.24 [6.0] | 1.00 [25.4] | | |
| WIPC14-112 | 0.24 [6.0] | 1.50 [38.0] | | |



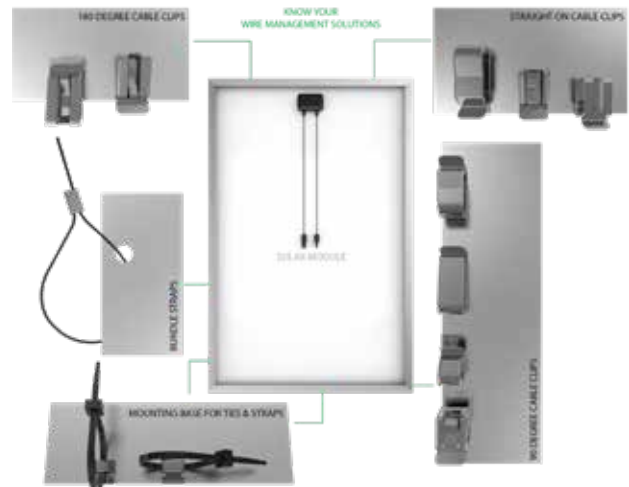
Wiley Cable Clips





High-quality wire management solutions

Engineered for high-quality wire management solutions, Wiley Cable Clips simplify wire management and create a cleaner aesthetic to solar PV arrays. The clips are made of corrosion resistant stainless steel, which makes for a durable, long lasting and reliable solution in all environments and are designed with coined and rolled edges to prevent damage to cable insulation. The designs are easy to install and remove with a flat head screwdriver. The clips can be used in a wide variety of mounting configurations (including 90 and 180 degrees) for module and rail applications. Custom designs are available upon request.













Features and Benefits:

- UL 1565 Listed
- Accommodates a broad range of cable combinations and sizes (e.g., USE-2, PV, AC module, and micro inverter cables)
- Environmentally tested - UL 2703 and ASTM B117
- No tools required for installation
- Coined and rolled edges to prevent damage to cable insulation
- Reliability for use throughout the lifetime of the PV system



| Module Clips | | | | |
|---|----------------|---------------------------------------|-------------------------|-------------------------------|
| 304 Stainless Steel cable clips that install on the module frame | | | | |
| Line Image | Catalog Number | Qty of Wires Held | Wire Diameter inch [mm] | Flange Thickness Accommodated |
|  | ACC | 1 to 2 USE-2 wires or 1 PV wire | Max. 0.216 [5.50] | 1.3 - 2.5mm |
|  | ACC-PV | 1 to 2 PV wires | Max. 0.275 [7.00] | 1.3 - 2.5mm |
|  | ACC-FLD | 1 to 2 PV wires | Max. 0.275 [7.00] | 1.3 - 2.5mm |
|  | ACC-FPV | 1 to 2 PV wires | Max. 0.314 [8.00] | 1.0 - 3mm |

Wiley Cable Clips (Continued)

| 90 Degree Module Clips | | | | |
|---|----------------|--|--|--|
| <i>304 Stainless Steel cable clips that install parallel or perpendicular on the module frame</i> | | | | |
| Line Image | Catalog Number | Qty of Wires Held | Wire Diameter inch [mm] | Flange Thickness Accommodated |
|  | ACC-F90-1 | 1 to 2 USE-2 wires or 1 to 2 PV wire | Max. 0.29 [7.50] | 1.3 - 2.5mm |
|  | ACC-FPV90 | 1 to 2 PV wires | Max. 0.314 [8.00] | 1.0 - 3.0mm |
|  | ACC-F2-90 | 1 to 2 Micro Inverter Trunk or AC cables | 1 wire: Max. 0.55 [14.00] 2 wires Max. 0.43 [11.00] | 1.3 - 2.5mm |
|  | ACC-F4-90-1 | 1 to 4 PV wires | Max. 0.29 [7.50] | 1.3 - 2.5mm |
|  | ACC-F490 | 1 to 4 PV wires | Max. 0.314 [8.00] | 1.0 - 3.0mm |
|  | ACC-F4F | 1 to 4 PV wires | Max. 0.314 [8.00] | 1.0 - 3.0mm |
|  | ACC-F1-270 | 2 PV wire or 1 Micro Inverter Trunk | Max. 0.55 [14.00] | 1.0 - 3.0mm |
| 180 Degree Rail Clips | | | | |
| <i>304 Stainless Steel cable clips that install on the flange at 180 degrees</i> | | | | |
| Line Image | Catalog Number | Qty of Wires Held | Wire Diameter inch [mm] | Flange Thickness Accommodated |
|  | ACC-FPV180 | 1 to 2 PV wires | Max. 0.314 [8.00] | 1.0 - 3.0mm |
|  | ACC-F1-270 | 1 to 2 PV wires or 1 Micro Inverter Trunk | Max. 0.55 [14.00] | 1.0 - 3.0mm |
| Rail Clips | | | | |
| <i>304 Stainless Steel cable clips that install on the rail, channel, or slot</i> | | | | |
| Line Image | Catalog Number | Qty of Wires Held | Wire Diameter inch [mm] | Rail Type |
|  | ACC-R2 | 1 to 2 Micro Inverter Trunk or AC cables | 1 wire: Max. 0.55 [14.00] 2 wires Max. 0.43 [11.00] | Unirac, Ironrige or Similar Style |
|  | ACC-R4 | 1 to 4 PV wires | Max. 0.29 [7.50] | Unirac, Ironrige or Similar Style |
|  | ACC-RBC15 | 2 Micro Inverter Trunk or up to 4 PV wires | Max. 0.55 [14.00] | Rail Channel or Slot Width: 6.35mm to 13.5mm |



ACC-F90-1 shown in both orientations



ACC-F1-270



ACC-FPV180



ACC-RBC15 shown

Cable Tie Tools Types CTT, CTSS

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 quality cable ties. These tools are truly state-of-the-art both in 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

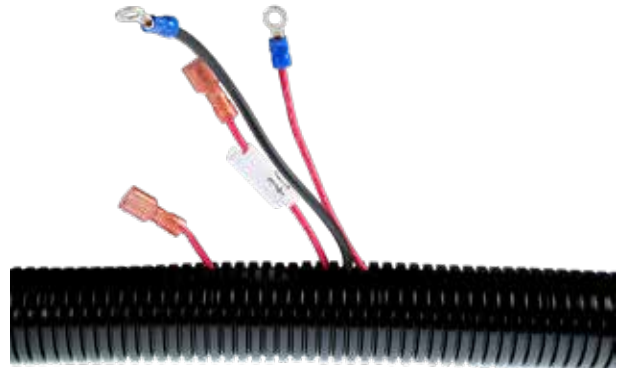


B

| Catalog Number | Ref. Figure | Description | For Use On |
|----------------|-------------|---|-----------------------|
| CTT50 | A | Adjustable Tensioning Tool for Width 0.10" to 0.19" | Nylon up to 50 lbs |
| CTTSS900 | B | Stainless Steel Tie Tool | SS Ties up to 900 lbs |

Split Loom Tubing Type LOOM

Split loom is ideal for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage where spiral wrap or other coverings may not be suitable. In harsh applications the tubing provides resistance to crushing, impact, and abrasion. Split loom tubing, made of polyethylene, offers excellent protection against automotive fluids, vibration wear, water, snow, ice, and the effects of heat, cold, and sunlight on cables and wires.



| Catalog Number | Diameter | Length |
|----------------|----------|----------|
| LOOM75 | 3/4" | 328 feet |
| LOOM100 | 1" | 164 feet |
| LOOM150 | 1-1/2" | 164 feet |
| LOOM200 | 2" | 82 feet |

145PTAG

94V0 Rated Nylon Tag

Designed originally for the telecom market, this tag is applicable anywhere the need to mark tags in the field exists. Typically secured to cabling using a multi-ply cord or cable tie, or waxed cord. The tags may be written on in most inks or using a permanent marker. Durable, flame retardant, white nylon tag 94V0 rated.

Dimensions: 1" x 1-3/4"
Catalog Number: 145PTAG

