Ty-Rap® Cable Fastening Systems

Trust Ty-Rap® Cable Ties to securely fasten your cables!

Installers Know and Trust Ty-Rap High-Performance Fastening Products from Thomas & Betts

Wire and cable bundling is an integral part of modern electrical and electronic installations. To finish your harnessing and bundling project as reliably, professionally looking and economically as possible, choose genuine Ty-Rap cable ties. These fastening systems include a full range of cable ties, identification ties, clamps, bases, harnessing aids and installing tools. Using Ty-Rap fastening systems for all fastening jobs, large and small, will speed and improve the reliability of harnessing and wire bundling while saving you money.
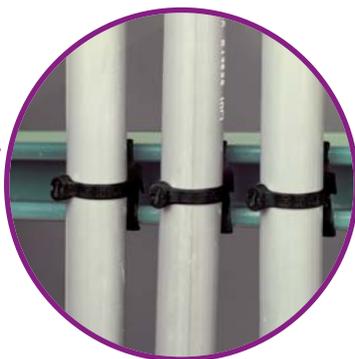
Harnessing

- Harness Board pre-wiring prior to installation

- Large OEMs — Automotive, Aerospace, Computers, Electronics, Copiers, Appliances and other Durable Goods

T&B fastening systems for large volume cable tying combine high-speed ergonomically designed tools, along with a wide selection of ties and harnessing aids to meet your application requirements. Accessories include various mounting bases, harnessing aids, retainers, clips, clamps, supports, posts, pins and guides that allow the wire to be quickly routed with or without the use of harness nails.

Other Applications

- HVAC
- Recreational
- Telecom & Utility
- Packaging

Ty-Rap cable ties are remarkably well suited for a variety of other non-electrical applications. Ty-Rap cable ties exceed UL 1565 requirements for smoke developed and heat release for use in air handling spaces. Ty-Rap cable ties meet international standards such as CSA and CE as well as UL, 🆄🅻, Belcor, ADC and military specifications in North America. T&B also offers a complete stainless steel and Deltec® cable fastening system for demanding and weather-resistant applications. Choose genuine Ty-Rap cable ties for the rugged "Grip of Steel." Look for the oval head.

Point-to-Point and Long Distance Wiring

- Bundling & fastening cables between equipment

- Panel & Machine Tool Builders

- Industrial & Commercial Applications, Refineries, Office Buildings

Installers prefer the ease of use and exceptional durability of genuine Ty-Rap cable ties. Engineered for labor savings and high performance, Ty-Rap cable ties are commonly used in a variety of applications. Standoffs, bulkhead mounting bases, adhesive mounting bases and a wide variety of clamping devices will meet or exceed any requirements. Weatherable and special material Ty-Rap cable ties are exceptionally suited for years of service in extreme environments.

Cable Fastening Accessories

Choose from one of the largest assortments of mounting bases, clips and clamps, spacers, lashing straps, harness board accessories, braided wire protection sleeving, and accessories for your fastening needs. Use Thomas & Betts cable fastening accessories for the finishing touch on your next wiring project.

Tools

Ty-Rap installing tools properly complete the installation of the cable tie. Ties are cinched to the proper tension and the excess tail is cut off precisely flush with the head, leaving no sharp corners or ragged edges. Ty-Rap installing tools are lightweight with narrow noses and slim profiles for work in tight spaces or between harness board nails. The operation is quick, reliable and cost effective.

Why Choose Genuine Ty-Rap® Cable Ties?

When you choose a cable tie from T&B, you can count on quality, performance and innovation to make your work easier. Depending on your application, choose genuine Ty-Rap Cable ties, along with our wide assortment of quality accessories and installing tools to make installation hassle-free.

Oval, Low Profile Head gives a professional, quality look to wire bundling projects. The classic-shaped head is designed to prevent snags on uneven surfaces and easier to pull through bulkheads. There are no sharp edges, so these ties are also easier on the installer's hands.
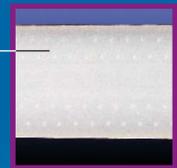
"The Grip of Steel®" Non-Magnetic Stainless Steel Locking Device insures both maximum strength and the right tightness every time. Because there are no notches, Ty-Rap Cable Ties provide an infinite number of locking positions while fastening the tie at the precise bundle diameter needed.

The **Turned-up Tail** orients the tie for easy assembly, making the ties easier to pick up on a flat surface.

Versatile Nylon 6.6 Material provides high strength, a wide temperature range and prevents toxic or irritating emissions. Ty-Rap Cable Ties are also available in weather-resistant versions, heat-stabilized, flame-retardant, polypropylene, nylon 12, hook and loop, fluoropolymer, and stainless steel materials for a variety of extreme environments.

No-Slip Tail provides easy grip during tensioning. Ty-Rap cable ties feature a unique friction surface designed to reduce slippage during installation.

Smooth, Notchless Body reduces stress concentration points under tension, making the tie stronger and lower profile than notched body ties.

Ribbed and Stippled Body "grips" the bundle and prevents slippage. Rounded edges protect insulation, preventing sharp edges from damaging cables.

For a whole bundle of reasons, trust only Genuine **Ty-Rap Cable Ties** by Thomas & Betts in your next wiring installation.

United States
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       800.816.7809
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Technical Services
Tel: 888.862.3289

Thomas&Betts
www.tnb.com

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Ty-Rap® Cable Fastening Systems

Ty-Rap® Nylon 6.6 Cable Ties

TY523M — Tie body width .091"

TY524M — Tie body width .140"

TY525M — Tie body width .187"

TY5272M — Tie body width .270"

STD. PKG. CAT. NO.	BULK PKG. CAT. NO.	BODY WIDTH IN./MM	LENGTH IN./MM.	MAX. WIRE BUNDLE DIA. IN./MM.	MILITARY STANDARD PART NO.	TENSILE STRENGTH LBS./N.	STD. PKG. QTY.	BULK PKG. QTY.
TY523M	TY23M	.09/2.29	3.62/91.95	.63/16.00	MS3367-4	18/80.07	100	1,000
TY52315M	TYB2315M	.09/2.29	7.00/177.80	1.50/38.10	—	18/80.07	100	1,000
TY5232M	TY232M	.09/2.29	8.00/203.20	2.00/50.80	—	18/80.07	100	1,000
TY5234M	TY234M	.09/2.29	14.00/355.60	4.00/101.60	—	18/80.07	100	1,000
TY524M	TY24M	.14/3.56	5.50/139.70	1.13/28.70	MS3367-5	40/177.90	100	1,000
TY5242M	TY242M	.14/3.56	8.19/208.03	2.00/50.80	—	40/177.90	100	1,000
TY526M	TY26M	.14/3.56	11.10/281.94	3.00/76.20	—	30/133.40	100	1,000
TY5244M	TY244M	.14/3.56	14.50/368.30	4.00/101.60	—	30/133.40	100	1,000
TY525M	TY25M	.19/4.83	7.31/185.67	1.75/44.45	MS3367-1	50/222.40	100	1,000
TY5253M	TY253M	.19/4.83	11.60/294.64	3.00/76.20	MS3367-7	50/222.40	100	1,000
TY528M	TY28M	.19/4.83	14.20/360.68	4.00/101.60	MS3367-2	50/222.40	100	1,000
TY5272M†	TY272M†	.27/6.86	8.75/222.250	2.00/50.80	—	120/533.80	50	500
TY527M†	TY27M†	.27/6.86	13.40/340.36	3.50/88.90	MS3367-3	120/533.80	50	500
TY5275M	TY275M	.27/6.86	18.00/457.20	5.00/127.00	—	120/533.80	50	500
TY5277M	TY277M	.27/6.86	24.30/617.22	7.00/177.80	—	120/533.80	50	500
TY529M	TY29M	.27/6.86	30.00/762.00	9.00/228.60	MS3367-6	120/533.80	50	500
TY53510M†	—	.32/8.13	35.00/889.00	10.00/254.00	—	175/778.40	50	—
TY54513M†	—	.32/8.13	45.00/1143.00	13.00/330.20	—	175/778.40	50	—

Cable ties made from natural nylon 6.6 are excellent performers in most applications.

For use in temperatures ranging from -40° F to 185° F (-40° C to 85° C).

† Ⓤ Ⓛ *Recognized Models*

- UL Listed Natural 6.6 Nylon Cable Ties are suitable for use in air handling spaces (plenums) in accordance with Section 300.22 (C) & (D) of the National Electrical Code.
- UL File No. E49405
- Natural nylon color

The colors you need in convenient packs!

Ty-Rap® UV-Resistant Nylon 6.6 Cable Ties — Color Assortment

- Construction — UV-Stabilized nylon 6.6, 316 stainless steel locking device

STD. PKG. CAT. NO.	BULK PKG. CAT. NO.	DESCRIPTION	LENGTH IN./MM	TENSILE STRENGTH LBS./N.	STD. BULK QTY.
—	TY525M-CLRS	Multi-Colored, UV-Stabilized Nylon, (10 each of standard ten colors)*	7.31/185.67	50/222.40	100 Ties
—	TY25M-X	Black, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-1	Brown, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-2	Red, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-3	Orange, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-4	Yellow, UV-Stabilized Nylon	7.31/85.67	50/222.40	1,000 Ties
—	TY25M-5	Green, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-6	Blue, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-7	Purple, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-8	Gray, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-9	White, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties
—	TY25M-22	Beige, UV-Stabilized Nylon	7.31/185.67	50/222.40	1,000 Ties

For use in temperatures ranging from -40° F to 185° F (-40° C to 85° C).

Suitable for use in air handling spaces in accordance with Section 300.22 (C) & (D) of the National Electrical Code.

* 100 standard ties in black, brown, red, orange, yellow, green, blue, purple, gray, and white (10 each)

Recommended tooling — ERG-50, WT1-TB

Note: The base catalog number for Ty-Rap® cable ties is for natural (non-colored) nylon without the UV-stabilizing additive, which is not suitable for outdoor use. For colored UV-stabilized nylon Ty-Rap® cable ties, add the following suffix numbers to the base catalog numbers. For example, TY25M is natural (non-colored) nylon for indoor use only, while TY25M-2 is red UV-stabilized nylon for indoor or outdoor use. (Consult customer service for ordering information.)

How to Order Colored Ty-Rap® Cable Ties and Accessories

COLOR	SUFFIX NO.	COLOR	SUFFIX NO.	COLOR	SUFFIX NO.	COLOR	SUFFIX NO.
Black	X	Orange	3	Blue	6	White	9
Brown	1	Yellow	4	Purple	7	Beige	22
Red	2	Green	5	Gray	8		

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