

Ty-Fast[®] ***Safe-Ty[®]*** ***Ty-Met[®]*** ***Ty-Rap[®]***

Cable Ties



**Quality Cable
Ties for Special
Applications**

Thomas & Betts

Ty-Fast® Standard Cable Ties

Ty-Fast® one piece cable ties offer an economical alternative made from quality nylon 6/6 (natural or UV stabilised black). Rated temperature range from 85°C to 40°C. The smooth edges are designed to prevent damage to wire insulation. Ty-Fast cable ties may be fastened with all standard Thomas & Betts cable tie tools.



Standard Cable Ties

Std. Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Bulk Pk. Qty.
TY075-18	2.40	104	19.05	8	1000
TY125-18	2.40	168	40.00	8	1000
TY125-40	3.60	150	31.75	18	1000
TY175-50	4.80	182	44.45	22	1000
TY200-18	2.40	204	50.80	8	1000
TY200-40	3.60	206	50.80	18	1000
TY200-120	7.60	280	76.00	54	500
TY300-40	3.60	304	76.20	18	1000
TY300-50	4.80	307	76.20	22	1000
TY400-50	4.80	370	101.60	22	1000
TY400-120	7.60	380	101.60	54	500
TY500-50	4.80	430	120.00	22	100

Add -100 to Part No. for 100 pack (eg TY075-18-100) Add X to Cat. No. for Outdoor Black UV stabilised 6/6 Nylon (eg TY075-18X-100)

Safe-Ty® Low Profile In-Line Fasteners

This new Safe-Ty® design from Thomas & Betts is ideal for use where precision bundling is required and clearance is a necessity. A unique saddle back design curves to form a snug fit around the bundle, and allows for easy pull-through in bulkheads and any tight spaces. Our contoured head eliminates snagging and sharp edges are reduced by our safe-guard walls.



Low Profile In-Line Fasteners

Std. Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Bulk Pk. Qty.
SF100-18	2.4	118	25.4	8	1000
SF100-18X	2.4	118	25.4	8	1000
SF175-50	4.8	195	44.4	22	1000
SF175-50X	4.8	195	44.4	22	1000
SF300-50	4.8	288	76.2	22	1000
SF300-50X	4.8	288	76.2	22	1000
SF400-50	4.8	369	101.6	22	1000
SF400-50X	4.8	369	101.6	22	1000
SF400-120	7.6	370	101.6	54	500
SF400-120X	7.6	370	101.6	54	500
SF600-120	7.6	533	152.4	54	500
SF600-120X	7.6	533	152.4	54	500

Material: Natural Nylon 6/6 (X suffix is weatherable black nylon)
For 100 packs add suffix - 100 eg: SF175-50X-100

Ty-Met® 316 Stainless Steel Ball Lock Ties

Thomas & Betts stainless steel ties are self-locking, requiring no time consuming crimping or folding operations. The strong locking mechanism, incorporating a steel ball, has a low insertion force while the strap section has rounded edges and smooth surfaces making the ties ideal for fast, safe, hand installation.



Fast, easy installation

Std. Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.
LSY-4.6-100B	4.6	100	16	45	100
LSY-4.6-150B	4.6	150	32	45	100
LSY-4.6-200B	4.6	201	51	45	100
LSY-4.6-360B	4.6	360	102	45	100
LSY-4.6-520B	4.6	520	152	45	100
LSY-4.6-680B	4.6	679	203	45	100
LSY-4.6-840B	4.6	838	254	45	100
LSY-4.6-1000B	4.6	1000	300	45	100
LSY-7.9-100B	7.9	100	16	113	100
LSY-7.9-150B	7.9	150	32	113	100
LSY-7.9-200B	7.9	201	51	113	100
LSY-7.9-360B	7.9	360	102	113	100
LSY-7.9-520B	7.9	520	152	113	100
LSY-7.9-680B	7.9	679	203	113	100
LSY-7.9-840B	7.9	838	254	113	100
LSY-7.9-1010B	7.9	1010	318	113	100
LSY-7.9-1200B	7.9	1200	370	113	100
LSY-7.9-1300B	7.9	1300	400	113	100
LSY-7.9-1400B	7.9	1400	435	113	100

- Mounting Bases
- Brackets & Supports
- Identification Plates
- Installation Tools
- Marking Pens
- Clamps & Spacers



ORDERS HOTLINE

PH 1300 666 595
FX 1300 666 594

Ty-Rap® Cable Ties



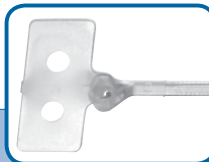
Standard Nylon 6/6 Cable Ties

Std. Pk. Cat. No.	Bulk Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY523M	TY23M	2.40	91.9	15.8	8	100	1000
TY52315M	TY2315M	2.40	178.0	38.1	8	100	1000
TY5232M	TY232M	2.40	203.2	50.8	8	100	1000
TY5234M	TY234M	2.40	355.6	101.6	8	100	1000
TY524M	TY24M	3.60	139.7	28.5	18	100	1000
TY5242M	TY242M	3.60	208.0	50.8	18	100	1000
TY526M	TY26M	3.60	281.9	76.2	18	100	1000
TY5244M	TY244M	3.60	368.3	101.6	18	100	1000
TY525M	TY25M	4.80	185.6	44.4	23	100	1000
TY5253M	TY253M	4.80	289.5	76.2	23	100	1000
TY528M	TY28M	4.80	360.6	101.6	23	100	1000
TY5272M	TY272M	7.60	203.2	50.8	54	50	500
TY527M	TY27M	7.60	340.3	88.9	54	50	500
TY5275M	TY275M	7.60	457.2	127.0	54	50	500
TY5277M	TY277M	7.60	617.2	177.8	54	50	500
TY529M	TY29M	7.60	762.0	228.6	54	50	500
TY53510M	TY3510M	8.13	889.0	254.0	79	25	-
TY54513M	TY4513M	8.13	1143.0	330.2	79	25	-



Nylon 6/6 Weather Resistant

Std. Pk. Cat. No.	Bulk Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY523MX	TY23MX	2.40	91.9	15.8	8	100	1000
TY52315MX	TY2315MX	2.40	178.0	38.1	8	100	1000
TY5232MX	TY232MX	2.40	203.2	50.8	8	100	1000
TY5234MX	TY234MX	2.40	355.6	101.6	8	100	1000
TY524MX	TY24MX	3.60	139.7	28.5	18	100	1000
TY5242MX	TY242MX	3.60	208.0	50.8	18	100	1000
TY526MX	TY26MX	3.60	281.9	76.2	18	100	1000
TY5244MX	TY244MX	3.60	368.3	101.6	18	100	1000
TY525MX	TY25MX	4.80	185.6	44.4	23	100	1000
TY5253MX	TY253MX	4.80	289.5	76.2	23	100	1000
TY528MX	TY28MX	4.80	360.6	101.6	23	100	1000
TY5272MX	TY272MX	7.60	203.2	50.8	54	50	500
TY527MX	TY27MX	7.60	340.3	88.9	54	50	500
TY5275MX	TY275MX	7.60	457.2	127.0	54	50	500
TY5277MX	TY277MX	7.60	617.2	177.8	54	50	500
TY529MX	TY29MX	7.60	762.0	228.6	54	50	500
TY53510MX	TY3510MX	8.13	889.0	254.0	79	25	-
TY54513MX	TY4513MX	8.13	1143.0	330.2	79	25	-



Identification Cable Ties

Std. Pk. Cat. No.	Bulk Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Marking Pad Size (WxH)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY551M	TY51M	2.40	91.4	15.8	25x8	8	50	500
TY5512M	TY512M	2.40	210.8	50.8	25x8	8	100	1000
TY553M	TY53M	2.40	101.6	15.8	21x9	8	50	500
TY5532M	TY532M	2.40	213.3	50.8	21x9	8	100	1000
TY546M	TY46M	4.80	184.1	44.4	127x22	23	100	1000
TY548M	TY48M	4.80	360.6	101.6	127x54	23	100	1000
TY546MD	TY46MD	4.80	184.1	44.4	30x25	23	50	500
TY546MT	TY46MT	4.80	184.1	44.4	31x25	23	100	500
-	TY46MF	4.80	184.1	44.4	63x25	23	-	500

For identification tag details of each product line see your T&B electrical catalogue.



Reusable Cable Ties

Std. Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.
TYR505	4.80	190.5	44.4	23	100
TYR508	4.80	363.2	101.6	23	100



Cable Straps and Clamps

Std. Pk. Cat. No.	Bulk Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Marking Pad Size (WxH)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY533M	TY33M	2.40	101.6	15.8	2.9	8	100	1000
TY534M	TY34M	3.60	152.4	28.5	4.2	18	100	1000
TY535M	TY35M	4.80	198.1	44.4	4.9	23	100	1000
TY5354M	TY354M	4.80	370.8	101.6	4.9	23	100	1000
TY537M	TY37M	7.60	353.0	88.9	6.3	54	50	500
TY554M*	TY54M	3.60	151.3	28.5	4.7	18	100	1000
TY538M*	TY38M	4.80	198.1	44.4	6.3	23	100	1000

* Push fit head fastenings - see catalogue for details.



Cable Straps & Clamps Weather Resistant

Std. Pk. Cat. No.	Bulk Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Marking Pad Size (WxH)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY533MX	TY33MX	2.40	101.6	15.8	2.9	8	100	1000
TY534MX	TY34MX	3.60	152.4	28.5	4.2	18	100	1000
TY535MX	TY35MX	4.80	198.1	44.4	4.9	23	100	1000
TY5354MX	TY354MX	4.80	390.8	101.6	4.9	23	100	1000
TY537MX	TY37MX	7.60	353.0	88.9	6.3	54	50	500

Releasable - Heavy Duty Ties

Std. Pk. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.
TYL300M	12.7	300	15-75	114	50
TYL546M	12.7	546	15-140	114	50
TYL300MX	12.7	300	15-75	114	50
TYL546MX	12.7	546	15-140	114	50
TYL1000MX	12.7	1000	15-300	114	100



Duct Ties - Extra Long Cable Ties

Std. Pk. Cat. No.	Description	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.
L-36-175-9-L	Nat	8.77	914	279	79	50
L-36-175-0-L	U.V Black	8.77	914	279	79	50
L-48-175-8-L	Grey	8.77	1219	381	79	50
L-48-175-0-L	U.V Black	8.77	1219	381	79	50



Ty-Rap Benefits...

- Smooth moulded body, less stress sensitive than notched type ties
- Infinitely adjustable design, always the "right" size
- Stainless steel lock, maintains right tension
- Ribbed and stippled back, won't slip on bundle
- Low-profile head, won't snag
- Easy to install, won't slip, mechanics grip

Ty-Rap® Cable Ties for Special Applications

Natural nylon cable ties are excellent performers in most applications. However, to answer your cable tying needs in more severe environments, Thomas & Betts also offers ties in a variety of special materials.

Available Materials 5 = Most suitable, 1 = Least suitable

Environment	Standard Nylon Ty-Series	Weather Resistant Nylon Ty-X Series	Fire Retardant Nylon Ty-FR Series	Weather Resistant Nylon 12 TYC-X Series	Polypropylene TYP-X Series	Heat Stabilised TYH Series	Heat Stabilised UV Resistant TY-X-A Series	Tefzel TYZ Series	Extra High Temperature TYHT Series	Stainless Steel LSY Series
ULTRAVIOLET RESISTANCE	1	4	1	4	4	1	4	5	1	5
RADIATION	1	1	1	1	1	1	1	4	1	5
LOW TEMPERATURE	3	3	2	4	3	3	3	4	3	5
HIGH TEMPERATURE	3	3	3	2	2	4	4	4	5	5
FLAMMABILITY	3	3	4	1	1	3	3	4	3	5
CHEMICAL RESISTANCE	Refer to Chemical Resistance Chart in the Thomas & Betts Cable Ties & Fastening Systems Catalogue or go to www.tnbaust.com									

Heat-stabilised Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TYH523M	TYH23M	2.40	92	15.8	8	100	1000
TYH524M	TYH24M	3.60	139.9	28.5	13	100	1000
TYH525M	TYH25M	4.80	185.6	44.4	23	100	1000
TYH527M	TYH27M	7.60	335.2	88.9	54	50	500
TYH528M	TYH28M	4.80	360.6	101.6	23	100	1000

Temperature rating -40°C to -105°C



Heat Stabilised/UV Resistant Cable Ties

Std. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Bulk Pk. Qty.
TY23MX-A	2.4	91.95	15.88	8	1000
TY24MX-A	3.6	139.7	28.5	18	1000
TY25MX-A	4.8	185.67	44.4	23	1000
TY27MX-A	7.6	340.36	88.9	54	500

Temperature rating -40°C to -105°C



Weather-resistant Polypropylene Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TYP525MX	TYP25MX	4.8	185.6	44.4	13	100	1000
TYP527MX	TYP27MX	7.6	335.2	88.9	27	50	500
TYP528MX	TYP28MX	4.8	360.6	101.6	13	100	1000

Temperature rating -40°C to -105°C



Extra High Temperature Cable Ties

Std. Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Bulk Pk. Qty.
TYHT23M	2.4	91.95	15.88	36	1000
TYHT25M	4.8	185.67	44.4	100	1000
TYHT27M	7.6	340.36	88.9	242	1000
TYHT28M	4.8	360.68	101.6	100	500

Temperature rating -40°C to -105°C



TEFZEL® Cable Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TYZ523M	TYZ23M	2.40	91.9	15.8	8	100	1000
TYZ525M	TYZ25M	4.80	185.6	44.4	23	100	1000
TYZ527M	TYZ27M	7.60	339.8	88.9	54	50	500
TYZ528M	TYZ28M	4.80	360.4	101.6	23	100	1000

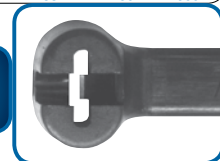
* DuPont Registered Trademark. Tefzel cable ties offer high radiation resistance and temperature stability to 302°F (150°C). Also, Tefzel provides excellent resistance to ultra violet light and meets UL Flammability rating 94V-0.



Nylon 12 Ties - Excellent Corrosion Resistance

Std. Cat. No.	Bulk Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TYC525MX	TYC25MX	4.80	185.6	44.4	16	100	1000
TYC5272MX	TYC272MX	7.60	203.2	50.8	38	50	500
TYC527MX	TYC27MX	7.60	335.2	88.9	38	50	500
TYC528MX	TYC28MX	4.80	360.6	101.6	16	100	1000
TYC529MX	TYC29MX	7.60	762	228.6	38	50	500

Very good resistance to UV and chemical exposure. Nylon 12 is a lower, moisture absorbing material than 6/6 nylon and the effect of water on properties is much less.



Flame Retardant Ties

Std. Cat. No.	Bulk Cat. No.	Body Width (mm)	Length (mm)	Max. Wire Bundle Dia. (mm)	Marking Pad Size (WxH)	Tensile Strength (kg)	Std. Pk. Qty.	Bulk Pk. Qty.
TY523MFR	TY23MFR	2.40	91.9	15.8	-	8	100	1000
TY553MFR	TY53MFR	2.40	101.6	15.8	20.6 x 9.1	8	50	500
TY524MFR	TY24MFR	3.60	139.7	28.5	-	18	100	1000
TY525MFR	TY25MFR	4.80	185.6	44.4	-	23	100	1000
TY527MFR	TY27MFR	7.60	335.2	88.9	-	54	50	500
TY5272MFR	TY272MFR	7.60	203.2	50.8	-	54	50	500
TY528MFR	TY28MFR	4.80	360.6	101.6	-	23	100	1000

Meets UL 94 V-0 flammability rating



How to order colour-coded Ty-Rap Ties and Accessories

COLOUR	BLACK (outdoor)	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	PURPLE	GREY	WHITE
SUFFIX No.	X	1	2	3	4	5	6	7	8	9

Natural nylon is standard. For coloured Ty-Rap ties, add the following suffix numbers to catalogue numbers. Example: TY25M-2 would be red TY25M. (Consult customer service for ordering information.)