

ABB Ty-Rap® Stainless Steel Tooth Cable Ties

Overview

Ty-Rap cable ties offer a reliable and versatile solution for bundling and organizing cables and wires in demanding environments. The hardened stainless steel locking tooth delivers exceptional holding strength and resistance to vibration and loosening over time.

Available in natural color in both standard and bulk pack quantities.

Ty-Rap cable ties are widely used across industrial, commercial, and OEM applications including electrical panels, machine building, automotive wiring, HVAC, and general maintenance where a secure, long-lasting bundle is required.



Features

- UL 94 V-2 rated Nylon 6.6
- Halogen-free
- Designed for indoor applications
- Rounded edges to avoid cable damage
- 316 stainless steel barb
- Operating temperature: -76 to +185 °F [-60 to +85 °C]
- Minimum installation temperature: -4 °F [-20 °C]

Agency Approvals

- UL 62275 (cULus), File Number E49405
- CSA C22.2 No. 62275
- IEC 62275
- CE

| Ty-Rap Cable Ties | | | | | | | | | | | | | | | |
|-----------------------|----------|----------|------------------------|----------|---------|---------|--------|------|-------|------|---------------|-----|------------------|-----|------------------------|
| Part Number | Pcs/ Bag | Price | Part Number | Pcs/ Bag | Price | Color | Length | | Width | | Max. Bundle Ø | | Tensile Strength | | Tool Compatibility |
| | | | | | | | mm | in | mm | in | mm | in | kg | lb | |
| TY23M | 1000 | \$62.00 | TY523M | 100 | \$14.50 | Natural | 91.4 | 3.6 | 2.29 | 0.09 | 15.2 | 0.6 | 8 | 18 | ERG50 |
| TY24M | 1000 | \$77.00 | TY524M | 100 | \$16.00 | Natural | 139.7 | 5.5 | 3.56 | 0.14 | 35.6 | 1.4 | 18 | 40 | ERG50 |
| TY25M | 1000 | \$135.00 | TY525M | 100 | \$20.00 | Natural | 185.4 | 7.3 | 4.83 | 0.19 | 48.3 | 1.9 | 23 | 50 | ERG50 |
| TY26M | 1000 | \$145.00 | TY526M | 100 | \$33.00 | Natural | 284.4 | 11.2 | 3.56 | 0.14 | 76.2 | 3 | 14 | 30 | ERG50 |
| TY27M | 500 | \$209.00 | TY527M | 50 | \$22.00 | Natural | 340.4 | 13.4 | 7.11 | 0.28 | 101.6 | 4 | 54 | 120 | ERG120 |
| TY28M | 1000 | \$204.00 | TY528M | 100 | \$48.50 | Natural | 360.7 | 14.2 | 4.83 | 0.19 | 101.6 | 4 | 23 | 50 | ERG50 |

ABB Ty-Rap[®] Stainless Steel Tooth Cable Ties

Overview

Ty-Rap UV-resistant cable ties are designed for outdoor and harsh environmental applications where exposure to sunlight would degrade standard nylon ties. The black color provides maximum UV protection, and the hardened stainless steel locking tooth ensures a secure hold even through repeated thermal cycling. Available in standard and bulk pack quantities.

These ties are well suited for outdoor electrical installations, telecommunications, solar panel systems, agricultural equipment, and any application requiring long-term UV stability combined with superior bundling strength.



Features

- UL 94 V-2 rated Nylon 6.6
- Halogen-free
- UV resistant
- Designed for indoor and outdoor applications
- Rounded edges to avoid cable damage
- 316 stainless steel barb
- Operating temperature: -76 to +221 °F [-60 to +105 °C]
- Minimum installation temperature: -22 °F [-30 °C]

Agency Approvals

- UL 62275 (cULus), File Number E49405
- CSA C22.2 No. 62275
- IEC 62275
- CE

| Ty-Rap UV-Resistant Cable Ties | | | | | | | | | | | | | | | |
|--------------------------------|----------|----------|--------------------------|----------|---------|-------|--------|------|-------|------|---------------|-----|------------------|-----|------------------------|
| Part Number | Pcs/ Bag | Price | Part Number | Pcs/ Bag | Price | Color | Length | | Width | | Max. Bundle Ø | | Tensile Strength | | Tool Compatibility |
| | | | | | | | mm | in | mm | in | mm | in | kg | lb | |
| TY23MX | 1000 | \$96.00 | TY523MX | 100 | \$20.00 | Black | 91.4 | 3.6 | 2.29 | 0.09 | 15.2 | 0.6 | 8 | 18 | ERG50 |
| TY24MX | 1000 | \$99.00 | TY524MX | 100 | \$21.00 | Black | 139.7 | 5.5 | 3.56 | 0.14 | 35.6 | 1.4 | 18 | 40 | ERG50 |
| TY25MX | 1000 | \$93.00 | TY525MX | 100 | \$24.50 | Black | 185.4 | 7.3 | 4.83 | 0.19 | 48.3 | 1.9 | 23 | 50 | ERG50 |
| TY26MX | 1000 | \$204.00 | TY526MX | 100 | \$38.50 | Black | 284.4 | 11.2 | 3.56 | 0.14 | 76.2 | 3 | 14 | 30 | ERG50 |
| TY27MX* | 500 | \$242.00 | TY527MX* | 50 | \$37.00 | Black | 340.4 | 13.4 | 7.11 | 0.28 | 101.6 | 4 | 54 | 120 | ERG120 |
| TY28MX | 1000 | \$313.00 | TY528MX | 100 | \$53.00 | Black | 360.7 | 14.2 | 4.83 | 0.19 | 101.6 | 4 | 23 | 50 | ERG50 |



*Operating temperature range is -76 to +185 °F [-60 to +85 °C]

ABB Cable Tie Installation Tools

Overview

ABB - Thomas & Betts cable tie installation tools are designed for fast, consistent tensioning and flush cutting of cable ties in high-volume applications. The pistol grip design reduces hand fatigue during extended use. Two models are available to cover the full range of Ty-Rap cable tie widths.



| Cable Tie Installation Tools | | | | | | | | |
|-------------------------------|---|----------|--------|------------------|------------------------------|----------|-------------------|------------------|
| Part Number | Product Image | Price | Fits | For Use On | Cable Tie Size | Tension | Material | Color |
| <u>ERG50</u> |  | \$277.00 | Ty-Rap | Nylon cable ties | 0.04-0.19in [2.4mm-4.8mm] | 18-50lb | Metal and plastic | Orange and black |
| <u>ERG120</u> |  | \$438.00 | Ty-Rap | Nylon cable ties | 0.19-0.30in [4.8-7.6mm] | 50-120lb | Metal and plastic | Orange and black |