



# Ty-Rap®

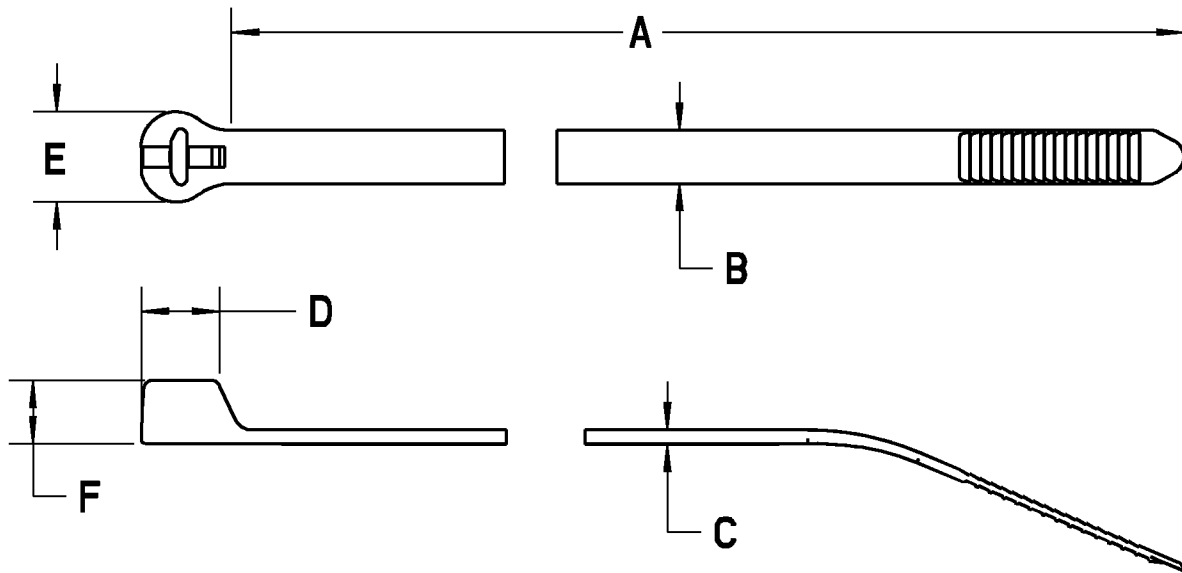
**T&B Catalog Number:** TY25MX-A  
**UPC Number:** 78621081636  
**Description:** Cable Tie 50lb 7" Heat Stabilized/UV Black Nylon with Stainless Steel Locking Device Bulk Pack  
**Status:** Active

| <b>General</b>                     |  |
|------------------------------------|--|
| Material                           | Nylon 6.6 Heat-Stabilized/UV Resistant |
| Color                              | Black                                  |
| <b>Dimension Information</b>       |  |
| Length (inches)                    | 7.31                                   |
| Width (inches)                     | .185                                   |
| Max. Wire Bundle Diameter (inches) | 1.75                                   |
| <b>Specifications</b>              |  |
| Tensile Strength (lbs.)            | 50                                     |
| Temperature Rating                 | -40°F to 221°F                         |
| Flamability Rating                 | UL 94 V-2                              |
| <b>Tooling</b>                     |  |
| Application Tools                  | ERG50, WT1-TB                          |
| <b>Packaging</b>                   |  |
| T&B Order Multiple                 | 1000                                   |
| T&B Inner Pack                     | 1000                                   |
| Package in Units                   | 10000                                  |
| Package Type                       | Bulk                                   |
| T&B Sold in UOM                    | Each                                   |
| T&B Weight Per UOM                 | 0.24 lbs. per 100                      |
| <b>Application Support</b>         |  |
| T&B Sales Drawings                 | wsd-000157                             |
| Overview                           | Available on Website                   |
| Material Selection Guide           | Available on Website                   |
| <b>Certifications</b>              |  |
| RoHS Compliance                    | Yes                                    |
| <b>Certifications</b>              |  |





# Ty-Rap



### NOTES.

1. MATERIAL: NYLON HEAT STABILIZED, UV RESISTANT.
2. COLOR: BLACK
3. CONTINUOUS OPERATING TEMPERATURE: (-40°F / -40°C) - (221°F / 105°C)
4. FLAMABILITY: UL94 V-2

|                 |                        |             |             |             |             |             |             |                   |
|-----------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| <b>TY27MX-A</b> | 120/540                | 13.4 [340]  | .270 [6.86] | .063 [1.60] | .360 [9.14] | .480 [12.2] | .320 [8.13] | 3.50 [89.0]       |
| <b>TY25MX-A</b> | 50/220                 | 7.31 [186]  | .188 [4.77] | .048 [1.22] | .250 [6.35] | .315 [8.00] | .220 [5.89] | 1.75 [44.4]       |
| <b>TY24MX-A</b> | 40/178                 | 5.50 [140]  | .140 [3.56] | .042 [1.07] | .156 [3.96] | .250 [6.35] | .180 [4.51] | 1.125 [28.6]      |
| <b>TY23MX-A</b> | 18/80                  | 3.62 [91.9] | .092 [2.34] | .036 [0.91] | .130 [3.30] | .185 [4.70] | .153 [3.88] | .625 [15.9]       |
| <b>CAT. NO.</b> | <b>TENSILE (LBS/N)</b> | <b>A</b>    | <b>B</b>    | <b>C</b>    | <b>D</b>    | <b>E</b>    | <b>F</b>    | <b>MAX BUNDLE</b> |

### GENERAL NOTES

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. DIMENSIONS IN BRACKETS [ ] ARE IN METRIC UNITS.

### REVISIONS

\*\*\* SEE ERN ( \*\*\*\* ) FOR APPROVAL SIGNATURES & RELEASE DATE.  
PROJECT NO: \*\*\*\*

**Thomas & Betts**  
www.tnb.com

DESCRIPTION:

**TY\*\*MX-A SERIES HS/UV  
TY-RAP CABLE TIES**

ORIGINAL PROJECT NO / ( ERN NO )

**FM401161 / ( 2005322 )**

SHEET NO:

**1 OF 1**

REV. NO:

**\*\***

DRAWING NO:

**WSD-000157**

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## Cable Ties for Special Environments

Perfect for outdoor applications!

### Ty-Rap® Heat Stabilized/ Ultraviolet Resistant Cable Ties



- Ideal for Industrial OEM and MRO (includes, but not limited to industrial, lawn/garden/farming equipment, recreation vehicles, heavy equipment)
- Can be placed in environments requiring heat stabilization and UV resistance
- Provides a smooth, low-profile look and offers unlimited tensioning range for a perfect fit
- Features an oval head on every original Ty-Rap® Cable Tie
- Quicker to install and less expensive than metallic fasteners, lacing cord or tape
- Made of UV resistant, heat-stabilized nylon



Color — Black

For use in temperatures ranging from -40° F to 221° F  
-40° C to 105° C



Ty-Rap® Cable Fastening Systems

| BULK PKG. CAT. NO. | LENGTH IN./MM. | TENSILE STRENGTH LBS./N. | BULK PKG. QTY. |
|--------------------|----------------|--------------------------|----------------|
| TY23MX-A           | 3.62/91.95     | 18/80.07                 | 1,000          |
| TY24MX-A           | 5.50/139.70    | 40/177.90                | 1,000          |
| TY25MX-A           | 7.31/185.67    | 50/222.40                | 1,000          |
| TY27MX-A           | 13.40/340.36   | 120/533.80               | 500            |

Beat the heat!

### Ty-Rap® Extra High-Temperature Cable Ties



- Ideal for Industrial OEM and MRO (includes, but not limited to metal processing, paper mills, lighting and commercial construction markets with high temperature environments up to 302° F (150° C).
- Provides a smooth, low-profile look and offers unlimited tensioning range for a perfect fit
- Features an oval head on every original Ty-Rap® Cable Tie
- Quicker to install and less expensive than metallic fasteners, lacing cord or tape
- Made of extra high-temperature resistant nylon



Color — Light Green

For use in temperatures ranging from -40° F to 302°  
(-40° to 150° C)

| BULK PKG. CAT. NO. | LENGTH IN./MM. | TENSILE STRENGTH LBS./N. | BULK PKG. QTY. |
|--------------------|----------------|--------------------------|----------------|
| TYHT23M            | 3.62/91.95     | 18/80.07                 | 1,000          |
| TYHT25M            | 7.31/185.67    | 50/222.40                | 1,000          |
| TYHT27M            | 13.40/340.36   | 120/533.80               | 500            |
| TYHT28M*           | 14.20/360.68   | 50/222.40                | 1,000          |

\*UR Pending