

# Ty-Rap® High Performance Cable Ties

## Polyamide 6.6 cable ties – Coloured

### Characteristics

Ty-Rap® ties in Polyamide 6.6 are available in 10 different colours and pre-printed ties in any of the standard colours can be supplied on demand.

- Several lengths and 6 typical widths with a tensile strength up to 780 N, to cover the most demanding applications
- Standard packaging is 1.000 / 500 pieces but smaller packaging (100 pieces) can also be supplied on request
- Please contact your Sales Office for product availability and Minimum Order Quantity

### Technical Information

|                         |                             |
|-------------------------|-----------------------------|
| Material - Moulding     | Polyamide 6.6               |
| Material - Locking barb | 316 grade stainless steel   |
| Temperature range       | -60°C to +85°C              |
| Min. Installation Temp. | -20°C                       |
| Flammability rating     | UL 94 V-2                   |
| Other properties        | Halogen free, Silicone free |



| Product Ref. | MIL Spec. | Length L [mm] | Width W [mm] | Thickness [mm] | Bundle o from ... to [mm] | Min. tensile strenght [N] | Quantity ** [pieces] | Tooling            |
|--------------|-----------|---------------|--------------|----------------|---------------------------|---------------------------|----------------------|--------------------|
| TY23M-*      | MS-3367-4 | 92            | 2.3          | 1.0            | 1.5 - 22                  | 80                        | 1000                 | ERG50              |
| TY232M-*     | -         | 203           | 2.3          | 1.0            | 1.5 - 51                  | 80                        | 1000                 |                    |
| TY234M-*     | -         | 356           | 2.3          | 1.0            | 1.5 - 102                 | 80                        | 1000                 |                    |
| TY24M-*      | MS-3367-5 | 140           | 3.6          | 1.1            | 2 - 35                    | 180                       | 1000                 |                    |
| TY242M-*     | -         | 208           | 3.6          | 1.1            | 2 - 51                    | 180                       | 1000                 |                    |
| TY26M-*      | -         | 284           | 3.6          | 1.1            | 2 - 76                    | 130                       | 1000                 |                    |
| TY244M-*     | -         | 368           | 3.6          | 1.1            | 2 - 102                   | 134                       | 1000                 | ERG50<br>ERG120    |
| TY25M-*      | MS-3367-1 | 186           | 4.8          | 1.1            | 3 - 48                    | 222                       | 1000                 |                    |
| TY253M-*     | MS-3367-7 | 290           | 4.8          | 1.3            | 3 - 78                    | 222                       | 1000                 |                    |
| TY28M-*      | MS-3367-2 | 361           | 4.8          | 1.3            | 3 - 102                   | 222                       | 1000                 |                    |
| TY271M-*     | -         | 150           | 7.0          | 1.6            | 6 - 31                    | 540                       | 500                  | ERG120<br>L-500-EU |
| TY272M-*     | -         | 223           | 6.9          | 1.6            | 6 - 51                    | 540                       | 500                  |                    |
| TY27M-*      | MS-3367-3 | 340           | 7.0          | 1.6            | 6 - 102                   | 540                       | 500                  |                    |
| TY275M-*     | -         | 457           | 7.0          | 1.6            | 6 - 127                   | 540                       | 500                  |                    |
| TY277M-*     | -         | 617           | 7.0          | 1.6            | 6 - 177                   | 540                       | 500                  |                    |
| TY29M-*      | MS-3367-6 | 771           | 6.9          | 1.5            | 6 - 229                   | 540                       | 500                  | WT3D<br>L-500-EU   |
| TY53510M-*   | -         | 889           | 8.2          | 1.7            | to 254                    | 780                       | 50                   |                    |
| TY54513M-*   | -         | 1143          | 8.2          | 1.7            | to 330                    | 780                       | 50                   |                    |

For cable ties in a specific colour, replace \* in the Product Reference by the colour code:

0 = black, 1 = brown, 2 = red, 3 = orange, 4 = yellow, 5 = green, 6 = blue, 7 = purple, 8 = grey and 9 = white



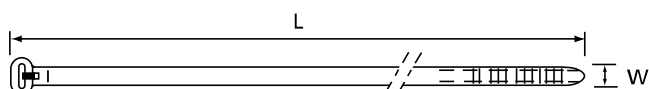
For example: TY23M-1 defines a brown TY23M cable tie. Contact your Sales Office for product availability.

\*\* For smaller quantities, the figure "5" needs to be added to the part number immediately after "TY" - example: TY523M-2 is the same as TY23M-2 but in bags of 100

Description of product reference structure: see page 8

Description of materials and properties: see pages 144 to 155

For tooling specifications: see pages 130 to 143



E49405



\*\*\* Some approvals may not be applicable to all the Product References. Contact your Sales Office for approvals limitations