



## Ty-Rap® Cable ties with steel nose with labelling area



### Benefits

- Cable ties with marking area
- Allow binding and marking in one step
- Easy assembly as all edges are rounded
- The patented stainless steel locking hook guarantees a secure hold under harsh conditions

### Application range

- For bundling and marking of cables, cable bundles, hydraulic and pneumatic supply lines

### Norm references / Approvals

- File number: E49405, see table
- Fire behaviour according to UL94 V-2

### Design

- TY 51 M: Area positioned at right angle to the cable tie
- TY 53 M/TY 532 M: Area positioned above the lock at right angle to the cable tie

### Suitable tools

- Ty-Gun ERG 50 / Ty-Gun ERG 120 Cable tie pliers refer to page 1009

### Technical data

	<b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC000046 ETIM 5.0/6.0 Class-Description: Cable tie
	<b>Colour delivered</b> Natural colour
	<b>Material</b> Polyamide 6.6 Halogen-free and silicone-free
	<b>Temperature range</b> -40°C to +85°C

Article number	Article description	UL certification	Length x width (mm)	Bundling Ø (mm)	Labelling surface (mm)	Tensile strength (N)	Pieces / PU
<b>Right-angled surface</b>							
61716020	TY 51 M	yes	92.0 x 2.4	10.0 - 16.0	25 x 8	80	500
<b>Parallel surface</b>							
61715840	TY 46 MD	yes	184.0 x 4.8	9.5 - 45.0	30 x 24	220 Double	500
61715880	TY 46 MT	yes	184.0 x 4.8	9.5 - 45.0	46 x 24	220 Triple	500
61715920	TY 46 MF	yes	184.0 x 4.8	9.5 - 45.0	63 x 24	220 Quadruple	250
61715780	TY 546 M	yes	184.0 x 4.8	9.5 - 45.0	13 x 24	220	100
61715950	TY 548 M	yes	360.0 x 4.8	19.0 - 102.0	13 x 54	220	100
<b>Right-angled area above</b>							
61716080	TY 53 M	yes	102.0 x 2.4	2.0 - 16.0	21 x 9	80	500
61716560	TY 532 M	yes	212.0 x 2.4	2.0 - 51.0	21 x 9	80	1000

TY-RAP® is a registered trademark of ABB.

Smaller packing units are available upon request.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

### Similar products

- KMK Label holders refer to page 940

### Accessories

- MS Marker pens