Detectable Cable ties

The detectable feature makes this cable tie especially interesting for the food & beverage industry.

Info

Matching accessories:
Detectable cable tie sockets

ECOLAB

- Food & Beverage
- Good chemical resistance
- Halogen-free
- UV-resistant

Benefits

Detectable cable ties with an unique compound that can be detected by X-Ray equipment, metal detectors and visual inspection equipment
Minimize the risk of product contamination
The colour blue facilitates visual detection
Help achieve the HACCP EU-Directive
Polyamid version: resistant to conventional solvents such as alcohol and ketone, aliphatic and aromatic hydrocarbons such as oil, grease, gasoline and weak alkalis; not resistant to acids (weak or strong) and metallic salts
Polypropylene version: especially resistant against chemical detergents
Ty-Rap® NDT: UV resistant

Application range

Are particularly recommended for applications using detection systems, where cable tie installation residuals (cut tails) are not allowed in the finished product
Food and beverage industry, especially for production and processing equipment of milk and meat products
Pharmaceutical production

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Norm references / Approvals

Flammability class:
UL 94 HB
Only the cable ties with steel nose are ECOLAB certified

Note

Storage requirements: nylon (polyamide) is, by its nature, susceptible to external influences. Cable ties are mechanically moistened in order to ensure optimal use. As such, they must be stored in a cool, dry location and must not be exposed to direct sunlight. Cable ties are packed in plastic bags to retain moisture; these should remain closed until the cable ties are used

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000046 ETIM 5.0 Class-Description: Cable tie
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000046 ETIM 6.0 Class-Description: Cable tie
Colour delivered:	Blue
Material:	Polyamide 6.6 or polypropylene with metal parts Halogen-free and silicone-free
Temperature range:	Ty-Rap® NDT: -60 °C up to +85 °C Ty-Rap® PDT and Detect: -40 °C up to +85 °C Installation temperature: -5 °C up to +60 °C

Note

TY-RAP® is a registered trademark of ABB.
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Article number	Article description	UL certification	Length x width (mm)	Bundling Ø (mm)	Tensile strength (N)	Pieces / PU
Without steel nose/ PA 6.6						
61723360	Cable Tie Detect 98x2.5 BU	no	98.0 x 2.5	1.0 - 21.0	80.0	100
61723364	Cable Tie Detect 140x3.5 BU	no	140.0 x 3.5	2.0 - 32.0	180.0	100
61723365	Cable Tie Detect 200x3.5 BU	no	200.0 x 3.5	3.0 - 50.0	180.0	100
61723361	Cable Tie Detect 200x4.5 BU	no	200 x 4.5	3.0 - 50.0	220.0	100
61723366	Cable Tie Detect 290x4.5 BU	no	290.0 x 4.5	3.5 - 78.0	220.0	100
61723362	Cable Tie Detect 360x4.5 BU	no	360.0 x 4.5	3.5 - 100.0	220.0	100
61723363	Cable Tie Detect 365x7.5 BU	no	365.0 x 7.5	8.0 - 100.0	540.0	100
With steel nose (brand TY-RAP®) / PA 6.6						
61723351	Cable tie TY-RAP® TY523MR-NDT	no	93.0 x 2.3	1.5 - 16.0	50.0	100
61723359	Cable tie TY-RAP TY524MR-NDT	no	140.0 x 3.6	2.0 - 35.0	160.0	100
61723352	Cable tie TY-RAP TY525M-NDT	no	186.0 x 4.6	3.0 - 45.0	200.0	100
61723353	Cable tie TY-RAP TY528M-NDT	no	361.0 x 4.8	4.8 - 102.0	220	100
61723354	Cable tie TY-RAP TY527MR-NDT	no	345.0 x 6.9	4.8 - 102.0	540	100
With steel nose (brand TY-RAP®) / polypropylene						
61723355	Cable tie TY-RAP TY523M-PDT	no	92 x 2.4	2 - 16	50	100
61723356	Cable tie TY-RAP TY525M-PDT	no	186 x 4.8	3.5 - 45	135.0	100
61723357	Cable tie TY-RAP TY528M-PDT	no	360 x 4.8	3.5 - 102	135.0	100
61723358	Cable tie TY-RAP TY527M-PDT	no	340 x 7	6 - 90	270	100

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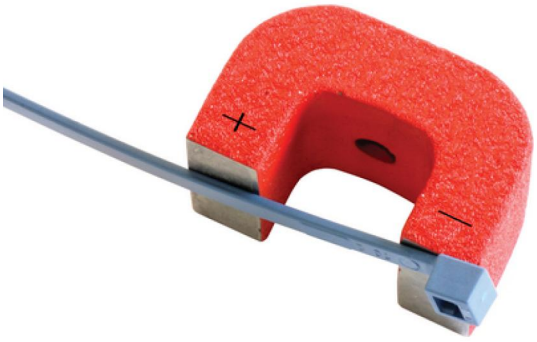

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