Cable Ties for temperatures up to + 150°C in Polyamide 4.6 T50R

T-Series in PA46, Article number: 111-00969

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Features

- Cable tie for high temperature applications up to +150 °C (5000 h) and +195 °C (500 h)
- Available in different sizes to cover various bundle diameters
- Low smoke generation in the event of a fire
- PA46 is a moisture sensitive material
- Inside serrated cable tie offers strong hold around bundles
- Easy application either manually or with an application tool
- Operating temperature (long-term) up to +130 °C

Certifications & Approvals

LFH ✓   RoHS ✓

Application

These inside serrated cable ties are made from Polyamide 4.6 (PA46). They can be applied in environments with continuous temperatures up to +195 °C (for 500 hours) which makes them suitable for applications where a broader temperature range is required. Polyamide 4.6 is a well-known material in the automotive, railway or white goods area. An application tool is recommended to ensure greater process reliability while installing cable ties.

T-Series in PA46 is suitable for following markets and industries

⚙ Solar Energy Sector 🌀 Wind Energy Sector 🚆 Rail Transportation Sector

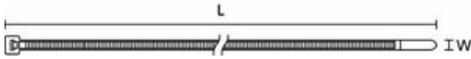⚡ Electronics Industry ✈ Aerospace Industry 🛡 Shipbuilding

🚗 Defence Industry

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Base Data

Application Tool	MK3PNSP2, MK3SP, MK6, MK7HT, MK7P, MK20, MK21, EVO7, EVO9
Colour	Black (BK)
Description Short (BMEcat) (max. 150 characters)	Cable Tie 200x4.6 PA46-black
GLOBAL PART DESCRIPTION	T50R-PA46-BK
Identification Plate Position	none
Pack Cont.	100 pcs.
Product Family	T-Series in PA46
Product Group	Cable Ties for temperatures up to + 150°C in Polyamide 4.6
Releasable Closure (Yes/No)	No
Tie Closure	plastic pawl
Variant	Inside Serrated

Product Dimensions

Bundle ⌀ max.	50.0 mm
Bundle ⌀ min.	1.5 mm
Length (L)	200 mm
Min.Tensile Strength	225 N
Thickness (T)	1.2 mm
Width (W)	4.6 mm

Material and Specifications

ELV compliant (Article 4 - 2)	YES
Flammability	UL 94 V2
Hazardous good	No
Limited Fire Hazard	Yes
Material	Polyamide 4.6 (PA46)
Operating Temperature - °C	-40 °C to +130 °C, (+150 °C, 5000 h; +195 °C, 500 h)
Specifications	LFH ✓ RoHS ✓
Specifications	UL-ZODZ2.E193818

Logistics and Packaging

More Information

ETIM 5.0	EC000046
ETIM 6.0	EC000046

Further information to T50R

Technical drawing
14.1228

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Competences

Cable clips for edges: fasten cables without drilling

The EdgeClip is a cable-fastening solution that enables the flexible routing of wires, cable harnesses, conduits and pipes in a variety of industrial applications, including the automotive sector.

Cable clips for edges >

Accessories

EVO9
110-80002
Manual tensioning tool plastic housing

MK21
110-21016
Manual tensioning tool for cable ties, simple version

EVO7
110-70129
Manual tensioning tool plastic housing

MK20
110-20006
Manual tensioning tool for cable ties, simple version

MK3SP
110-03500
Manual tensioning tool metal housing

MK3PNSP2
110-03400
Pneumatic tensioning tool metal housing

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111-00965
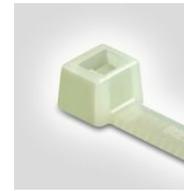Cable Ties for temperatures up to + 150°C in Polyamide 4.6

T18I
111-00632
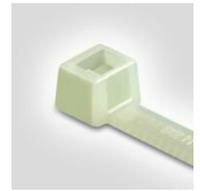Cable Ties for temperatures up to + 150°C in Polyamide 4.6

T18I
111-01182
Cable Ties for temperatures up to + 150°C in Polyamide 4.6

T18L
111-01602
Cable Ties for temperatures up to + 150°C in Polyamide 4.6

T18R
114-01879
Cable Ties for temperatures up to + 195 °C (500 h) in Polyamide 4.6

T18R
111-01831
Cable Ties for temperatures up to + 195 °C (500 h) in Polyamide 4.6

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Philosophy	Insulation	Industrial Identification and Self-Adhesive Labels	Wind turbines	Automotive Catalogue 2016/2017
Environment & Quality	Cable Protection Systems	Cable Protection	Shipbuilding	Connectivity Catalogues 2016/2017
Corporate Social Responsibility	Electrical Installation	Conduits	Panel building	Brochures
Product Development	Identification Systems	Electrical Installation	Rail industry	Software & Drivers
E-Business	Application Tooling	Electrical tape	Food Industry	Helatag & Helafix Templates
ACADEMY	Connectivity	Wire connectors	Chemical Industry	Manuals & Operating Instructions
Careers		Cable rods	Aerospace Industry	
MADE FOR REAL		Downlight covers	Defence Industry	
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		Gel-filled cable joints		
		Cable Tie Guns		
		Connectivity Products		
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		Thermal Transfer Printer		
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		Cable clips for edges		
		Cable management high temperature		

Events

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