

Ty-Fast® Series

Mounting Cable Ties

PRO-POWER
Quality Cables

Natural



Black

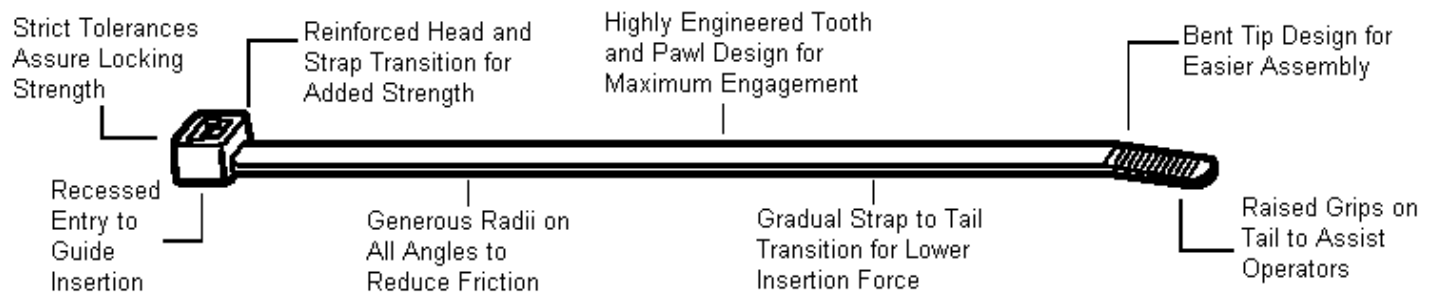


Features:

- One piece non-releasable mounting cable ties manufactured in natural or black nylon 66.
- These cable ties are available in lengths from 4" to our exclusive 48" strap. Cable ties will satisfy bundling requirements from 1/16" to 15" and loop tensile strengths from 18 to 175 pounds.
- State-of-the-art robotic and raw material handling equipment assures product and material integrity throughout the manufacturing process. Overall quality is achieved through statistical analysis and quality driven operator objectives. It has attained Mil-Spec I-45208 quality ratings from a number of equipment manufacturers.

Specifications:

Operating Temperature : -40°C to +85°C.
Mounting Hole Diameter : 4.6mm.



Materials for Moulded Assembly Hardware

Property	ASTM Method	Test Condition	Unit	Moulded 6/6 Nylon
Tensile Strength	D638	+73°F; 50% RH	kpsi	11.2
Elongation at Break			%	≥300
Yield Strength			kpsi	8.5
Shear Strength	D732	Dry as Moulded (DAM)		9.6
Deformation under Load	D621	2000 psi +122°F; DAM	%	1.4
IZOD Impact	D256	+73°F; 50% RH	ft lb/in	2.1
Tensile Impact Strength	D1822	+73°F; Long Specimen; DAM	ft lb/in ²	240
Melting Point	D789	Fisher - Johns	°F	491
Thermal Linear Expansion	D696	DAM	in/in/°F	4 x 10 ⁻⁵
Thermal Conductivity	-	DAM Conche-Fitch	BTU - in/h.ft ² .°F	1.7
Brittleness Temperature	D746	50% RH	°F	-85
Oxygen Index	D2863	DAM 50% RH	%O ₂	28 31

Test conducted on 1/4" specimens.

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NBS Smoke Generation for 6/6 Nylon

Simple Thickness (Inch)	Energy Source	Specific Optical Density	
		At Maximum Smoke Accumulation	At 2 Minutes
1/16	Radiant (2.5 watts/sq.cm)	13	0
1/8	Radiant Plus Flaming Gas Jets	26	1

Results provided by natural bureau of standards (NBS). Results may not be directly correlated with larger fires, such as burning buildings.

Temperature Index for Moulded Nylon

Material	Minimum Thickness (Inch)	Temperature Index		Hot Wire ignition (Seconds)
		Electrical (°C)	Mechanical w/o Impact (°C)	
6/6 Nylon	0.058	125	85	15.0

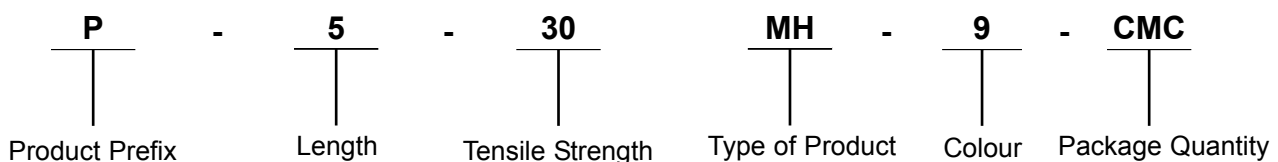
Temperature index is the temperature at which the specific property will decrease to one-half its original value after 60,000 hours exposure at that temperature.

Part Number Table

Colour	Bundle Diameter	Length	Width	Minimum Loop Tensile	Mounting Head Screw Size	Packaging	Part Number
				LB (Kg)			
Natural	2 - 32	145	3	30 (13.6)	No. 8	100 per Pack	P-5-30MH-9-CMC
	2 - 44	193	5	50 (22.7)	No. 10		P-7-50MH-9-CMC
Black	2 - 102	358	5				50 (22.7)
				P-14-50MH-0-CMC			

Dimensions : Millimetres

Part Number Explanation



- Product Prefix** : P = Plain Bagged Cable Ties.
- Length** : 5, 7 and 14mm.
- Tensile Strength** : 30lb. and 50lb.
- Type of Product** : Mounting Head = MH.
- Colour** : 9 = Natural and 0 = Black.
- Package Quantity** : CMC = 100 per Pack.

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Notes:

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