

All plastic cable ties

Product reference structure

Ty-Fast® code

Tie		Dimension code		
TY		XXXX		
Tie Width Code	Tie Length Code	Tie Width/ Tensile Strength Code	Colour / Material	Packaging Code
TY	100	18	X	100
Standard cable ties with a width up to 13.2 mm	for lengths from 112 mm up to 1214 mm	18 = 2.4 mm / (80N) 30 = 3.3 mm / (130N) 40 = 3.6 mm / (180N) 50 = 4.6 mm / (220N) 120 = 7.6 mm / (540N) 175 = 8.8 mm / (780N) 250 = 13.2 mm / (1120N)	All product references are made of halogen free Polyamide 6.6, UL 94 V-2, operating temperature -40°C to +85°C blank = natural X = black, UV-stabilised 1 = brown 2 = red 3 = orange 4 = yellow 5 = green 6 = blue 7 = purple 8 = grey 9 = white 39 = Heat stabilised, temperature range: -40°C to +105°C, natural	[Blank] = Bulk packaging (1000 / 500 / 50 ties according to the size of the tie) 50 = 50 ties in a bag with Euroslot (only for Prod. Ref. TY400-120) 100 = 100 ties in a bag with Euroslot (not available for Prod. Ref. TY400-120, TY450-120, TY600-120 & TY800-120)

Note: Nylon (Polyamide) is inherently susceptible to environmental conditions. Ty-Fast® cable ties are moisturised to optimum performance levels at machine-side and should be stored in cool dry areas out of direct sunlight. Cable ties are packaged in plastic bags to contain moisture and should remain sealed until ready for use

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Standard cable ties

Characteristics

State-of-the-art robotic and raw material handling equipment assures product and material integrity throughout the manufacturing process.

- The integrally formed Polyamide pawl combines low insertion and high locking strength
- A rounded, low-profile head makes for less snags
- Tails have improved two-sided finger grip design that helps the operator grasp and pull ties snug
- Sure Grip tab keeps the tail from popping out while being threaded, then holds it securely for final tightening by hand or tool
- Quick and easy pull through increases productivity, reduces operator fatigue

Technical Information

Material	Polyamide 6.6 (*)
Temperature range	-40°C to +85°C (natural and colours, excl. UV-resistant black) -40°C to +105°C (black)
Min. Installation Temp.	-20°C
Colour	Natural as standard colour (*)
Approvals	MIL: MS 3367-x (see table)
Flammability rating	UL 94 V-2
Other properties	Halogen free, Silicone free

(*) For other materials and colours see the product reference structure page 46



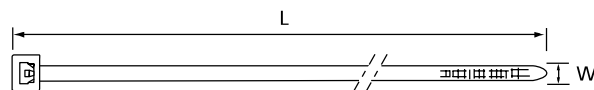
Product Ref.	MIL Spec.	Length L [mm]	Width W [mm]	Bundle ø from ... to [mm]	Min. tensile strenght [N]	Quantity [pieces]	Tooling
TY100-18	MS-3367-4	112	2.4	1.5 - 25	80	1000	ERG50
TY125-18	—	136	2.4	1.5 - 32	80	1000	
TY150-18	—	163	2.4	1.5 - 38	80	1000	
TY125-30	—	143	3.3	1.5 - 32	130	1000	
TY125-40*	MS-3367-5	141	3.6	1.5 - 32	180	1000	
TY200-40	—	205	3.6	1.5 - 50	180	1000	
TY300-40	—	290	3.6	1.5 - 76	180	1000	
TY400-40	—	368	3.6	6.35 - 102	180	1000	ERG50 ERG120
TY125-50	—	140	4.6	1.5 - 32	220	1000	
TY175-50	MS-3367-1	186	4.6	3.17 - 44	220	1000	
TY225-50	—	226	4.6	3.17 - 57	220	1000	
TY300-50	MS-3367-7	291	4.6	3.17 - 76	220	1000	
TY400-50	MS-3367-2	366	4.6	3.17 - 102	220	1000	
TY200-120	—	219	7.6	15 - 50	540	500	ERG120 L-500-EU WT3D
TY300-120	—	289	7.6	15 - 76	540	100	
TY400-120	MS-3367-3	375	7.6	15 - 102	540	50 / 100	
TY450-120	—	457	7.6	15 - 124	540	50	
TY600-120	—	610	7.6	15 - 184	540	50	
TY800-120	MS-3367-6	706	7.6	6.35 - 204	540	50	

* Operation temperature: -30°C to +85°C

Description of Product Reference structure: see page 46

Description of materials and properties: see pages 144 to 155

For tooling specifications: see pages 130 to 143



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