

Product reference structure

All-plastic cable ties



Example:

Tie

TY

Dimension Code

XXXX

TY

100

18

X

100

Tie Length Code

Tie Width /
Tensile Strength Code

Colour / Material

Additional code for
packaging

Standard cable ties with a width up to 13.2 mm

for lengths from 91 mm up to 1214 mm

18 = 2.4 mm / (80N)
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-stabilized
- 1 = brown
- 2 = red
- 3 = orange
- 4 = yellow
- 5 = green
- 6 = blue
- 7 = purple
- 8 = grey
- 9 = white
- 20 = black
- 39 = Heat stabilised, temperature range: -40°C to +105°C, natural
- * X = outdoor use, UV-stabilised, (UL 94 HB for TY...-120X range), black

[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)

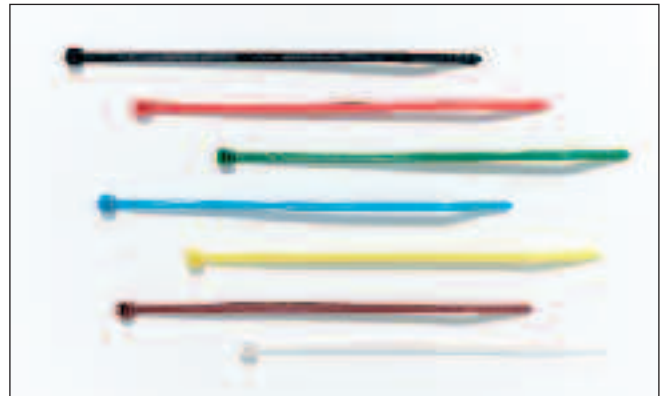
100 = 100 ties in a bag with Euroslot (not available for Prod. Ref. TY400-120 & TY800-120)

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.

Standard cable ties All-plastic cable ties

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

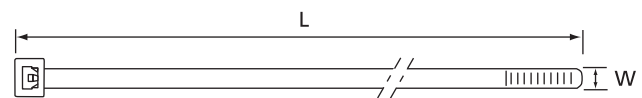
- The integrally formed Polyamide pawl combines low insertion and high locking strength
- A rounded, low-profile head makes for less snags
- Tails have improved two-sided finger grip design that helps the operator grasp and pull ties snug
- Sure Grip tab keeps the tail from popping out while being threaded, 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
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 48



Product Ref.	MIL Spec.	Length L [mm]	Width W [mm]	Bundle diameter from ... to [mm]	Minimum tensile strength [N]	Quantity [pieces]	Tooling
TY075-18	MS-3367-4	91	2.4	1.6 - 20	80	1000	
TY100-18	-	112	2.4	1.6 - 25	80	1000	
TY125-18	-	136	2.4	1.6 - 32	80	1000	
TY200-18	-	203	2.4	1.6 - 50	80	1000	ERG50
TY125-40	MS-3367-5	141	3.5	1.6 - 32	180	1000	WT193A
TY200-40	-	205	3.5	1.6 - 50	180	1000	
TY300-40	-	290	3.5	1.6 - 76	180	1000	
TY400-40	-	368	3.5	1.6 - 102	180	1000	
TY175-50	MS-3367-1	186	4.6	1.6 - 44	220	1000	ERG50
TY225-50	-	226	4.6	1.6 - 57	220	1000	ERG120
TY300-50	-	291	4.6	1.6 - 76	220	1000	WT193A
TY400-50	MS-3367-2	366	4.6	1.6 - 102	220	1000	
TY200-120	-	219	7.6	4.8 - 50	540	500	ERG120
TY400-120	MS-3367-3	375	7.6	4.8 - 102	540	500	L-500-EU
TY800-120	-	706	7.6	4.8 - 203	540	50	WT3D

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

Description of Product Reference structure: see page 48

Description of materials and properties: see pages 134 to 145

For tooling specifications: see pages 122 to 133

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