T&B Catalog Number: **TY125-18**
UPC Number: 78621023103
Description: TY-FAST TIE WRAP

Status: Active

Packaging	
Package in Units:	1000
T&B Sold in UM:	EACH
T&B Weight per UOM:	1.03 lbs. per 1000
General Information	
Country of Origin:	HUNGARY
Harmonized Code:	3926909980
Certifications	
UL File Number(s):	49405

1.1 Ty-Fast®

All-plastic ties

A complete range to fit the needs of OEM's

Introduction

- The Thomas & Betts Ty-Fast® cable ties are available in lengths from 91 mm to 1214 mm strap. Cable ties will satisfy bundling requirements up to 381 mm and loop tensile strengths from 80 to 1120N
- Cable ties are made from halogen free and silicone free Polyamide 6.6 and stocked in colours as listed. Contact your Customer Service Representative for availability in special materials and colours
- Where applicable, Thomas & Betts cable ties are UL listed and/or approved by Germanischer Lloyd, by Lloyd's Register of Shipping, by Mil-Specifications and/or QPL listed
- State-of-the-art robotic and raw material handling equipment assures product and material integrity throughout the manufacturing process.

Product advantages

- 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

All-plastic ties
Product reference structure

TY - 100 - 18 - X - 100

Standard cable ties
with a width up to 13.2 mm

Tie Length Code
for lengths from 91 mm up to 1214 mm

Tie Width / Tensile Strength Code
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)**

Additional code for packaging
[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)

Additional code for various colour / material
All product references are made of halogen free Polyamide 6.6, UL 94 V-2, operating temperature -40°C to +85°C

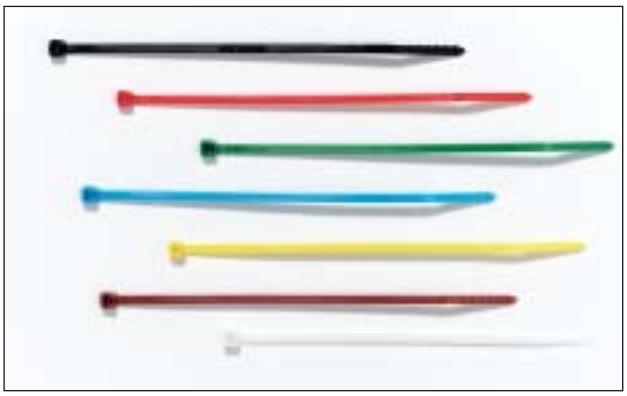
	[Blank] = natural		5 = green
	X = black, UV-stabilised*		6 = blue
	1 = brown		7 = purple
	2 = red		8 = grey
	3 = orange		9 = white
	4 = yellow		20 = black

39 = Heat stabilised, temperature range: -40°C to +105°C, natural
* X = outdoor use, UV-stabilised, (UL 94 HB for TY...-120X range), black

Ty-Fast®

All-plastic ties

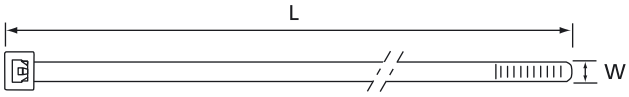
Standard cable ties



Technical Information

Material - Moulding	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 36



Approvals

E49405

Ordering Information

Product Ref.	MIL Spec.	Length L [mm]	Width W [mm]	Bundle diameter max. [mm]	Minimum tensile strength [N]	Quantity [pieces]	Tooling
TY075-18**	MS-3367-5	91	2.4	20	80	1000	
TY100-18	–	114	2.4	25	80	1000	
TY125-18	–	138	2.4	32	80	1000	
TY200-18	–	205	2.4	50	80	1000	ERG299
TY125-40	MS-3367-6	143	3.5	32	180	1000	WT193A
TY200-40	–	205	3.5	50	180	1000	TR227
TY300-40	–	290	3.5	76	180	1000	
TY400-40***	–	370	3.5	102	180	1000	
TY175-50	MS-3367-1	186	4.6	44	220	1000	ERG299
TY225-50	–	228	4.6	57	220	1000	ERG297
TY300-50	–	294	4.6	76	220	1000	WT193A
TY400-50	MS-3367-2	370	4.6	102	220	1000	TR227
TY200-120*	–	220	7.6	50	540	500	ERG297
TY400-120	MS-3367-3	375	7.6	102	540	500	L-500-EU
TY800-120**	–	706	7.6	203	540	50	WT3D

* not UL approved

** not Germanischer Lloyd approved

*** not UL or Germanischer Lloyd approved

For tooling specifications see pages 92 to 99