
TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, identification

18lb (80N) & 50lb (222N) identification ties

Ty-Rap®



Cable ties are primarily used to cinch wires and cables together to form a neat and organized bundle.

Certifications / Standards:



3-Part Specification: 26 05 84
Tools and Calculators

Features:

- 316 stainless steel barb is corrosion resistant and helps provide greater longevity
- Marking tab used for identification

Recommended Installation tools:

For recommended tool for each part number, see chart on next page

- ERG50 / WT199
 - Setting 1-3 for 18lb ties
 - Setting 6-8 for 50lb ties

Recommended Marking Pen

- Part number: WT163M-1-EU (GID # 7TCG009720R0015)
 - For marking on polyamide surfaces

Materials:

- Body - Nylon 6,6
- Color - Natural

Table data:

- [Sizes](#)
- [Strength and temperatures](#)

Cable ties, identification

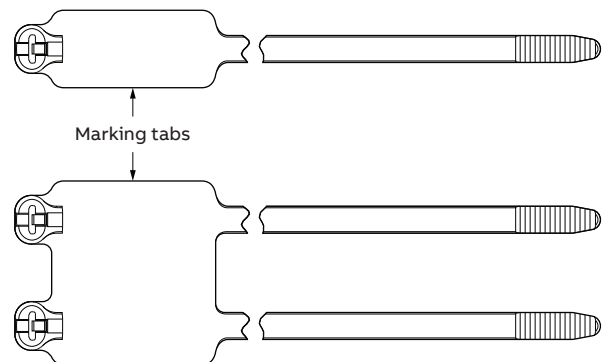
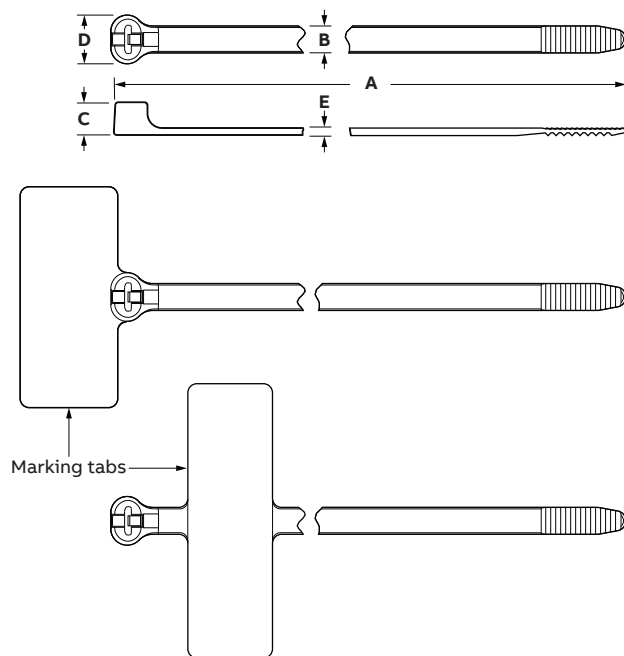
Sizes

Product selection									
Part no. standard GID no.	Part no. bulk GID no.	Tag diameter inch (mm)	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	A ± 0.170 (4.3) inch (mm)	B ± 0.020 (0.51) inch (mm)	C ± 0.020 (0.51) inch (mm)	D ± 0.020 (0.51) inch (mm)	E ± 0.010 (0.25) inch (mm)
TY551M** 7TAG009510R0065	TY51M** 7TAG009510R0046	1.0 x 0.3 (25 x 7.6)	0.06 (1.5)	0.86 (22)	3.6 (91)	0.10 (2.54)	0.15 (3.8)	0.19 (4.8)	0.04 (1.0)
TY5512M** 7TAG009510R0064	TY512M** 7TAG009510R0044	1.0 x 0.3 (25 x 7.6)	0.06 (1.5)	2.01 (51)	8.3 (211)	0.09 (2.3)	0.15 (3.8)	0.19 (4.8)	0.04 (1.0)
TY553M* 7TAG009510R0069	TY53M* 7TAG009510R0052	0.8 x 0.4 (20 x 10)	0.06 (1.5)	0.63 (16)	3.6 (91)	0.10 (2.54)	0.15 (3.8)	0.19 (4.8)	0.04 (1.0)
TY5532M* 7TAG009510R0067	TY532M* 7TAG009510R0050	0.8 x 0.4 (20 x 10)	0.06 (1.5)	2.01 (51)	8.0 (203)	0.09 (2.3)	0.15 (3.8)	0.19 (4.8)	0.04 (1.0)
—	TY153M* 7TAG009510R0014	1.0 x .8 (25.4 x 20.3)	0.06 (1.5)	0.63 (16)	3.6 (91)	0.10 (2.54)	0.15 (3.8)	0.19 (4.8)	0.04 (1.0)
TY546M 7TAG009510R0058	TY46M 7TAG009510R0018	1.1 x 0.5 (28 x 12.7)	1.00 (25.4)	1.75 (44.4)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.04 (1.0)
TY548M 7TAG009510R0063	TY48M 7TAG009510R0039	2.3 x 0.5 (58.4 x 12.7)	1.00 (25.4)	4.0 (102)	14.2 (361)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)
—	TY48MX* 7TAG009510R0043	2.3 x 0.5 (58.4 x 12.7)	1.00 (25.4)	4.0 (102)	14.2 (361)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)
TY546MD 7TAG009510R0059	TY46MD 7TAG009510R0025	1.1 x 1.2 (28 x 30.5)	1.00 (25.4)	1.77 (45)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.30 (7.6)	0.05 (1.3)
—	TY46MDX* 7TAG009510R0030	1.1 x 1.2 (28 x 30.5)	1.00 (25.4)	1.77 (45)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.30 (7.6)	0.05 (1.3)
TY546MT 7TAG009510R0061	TY46MT 7TAG009510R0033	1.8 x 1.1 (46 x 28)	1.00 (25.4)	1.77 (45)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.30 (7.6)	0.05 (1.3)
—	TY46MTX* 7TAG009510R0037	1.8 x 1.1 (46 x 28)	1.00 (25.4)	1.77 (45)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.30 (7.6)	0.05 (1.3)
TY546MF 7TAG009510R0060	TY46MF 7TAG009510R0031	2.5 x 1.1 (63.5 x 28)	1.00 (25.4)	1.77 (45)	7.3 (185)	0.19 (4.8)	0.22 (5.6)	0.30 (7.6)	0.05 (1.3)

Note: Product must be installed in accordance with applicable national and local electrical codes.

*Not all certifications apply.

** UL Type 21 listed



Cable ties, identification

Strength and temperatures

Product selection					
Part No. standard GID No.	Part no. bulk GID no.	Tensile strength lbs. (N)	Minimum operating temperature °F (°C)	Maximum operating temperature °F (°C)	Minimum installation temperature °F (°C)
TY551M*	TY51M*	18	-76	185	-4
7TAG009510R0065	7TAG009510R0046	(80)	(-60)	(85)	(-20)
TY5512M*	TY512M*	18	-76	185	-4
7TAG009510R0064	7TAG009510R0044	(80)	(-60)	(85)	(-20)
TY553M*	TY53M*	18	-76	185	-4
7TAG009510R0069	7TAG009510R0052	(80)	(-60)	(85)	(-20)
TY5532M*	TY532M*	18	-76	185	-4
7TAG009510R0067	7TAG009510R0050	(80)	(-60)	(85)	(-20)
—	TY153M*	18	-76	185	-4
	7TAG009510R0014	(80)	(-60)	(85)	(-20)
TY546M	TY46M	49	-76	185	-4
7TAG009510R0058	7TAG009510R0018	(220)	(-60)	(85)	(-20)
TY548M	TY48M	49	-76	185	-4
7TAG009510R0063	7TAG009510R0039	(220)	(-60)	(85)	(-20)
—	TY48MX*	49	-76	221	-22
	7TAG009510R0043	(220)	(-60)	(105)	(-30)
TY546MD	TY46MD	49	-76	185	-4
7TAG009510R0059	7TAG009510R0025	(220)	(-60)	(85)	(-20)
—	TY46MDX*	49	-76	221	-22
	7TAG009510R0030	(220)	(-60)	(105)	(-30)
TY546MT	TY46MT	49	-76	185	-4
7TAG009510R0061	7TAG009510R0033	(220)	(-60)	(85)	(-20)
—	TY46MTX*	49	-76	221	-40
	7TAG009510R0037	(220)	(-60)	(105)	(-40)
TY546MF	TY46MF	49	-76	185	-4
7TAG009510R0060	7TAG009510R0031	(220)	(-60)	(85)	(-20)

Note: Product must be installed in accordance with applicable national and local electrical codes.

*Not all certifications apply.

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Product search 

