

TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, standard

TY25, TY253, TY28 series 50 lbs (222 N)

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

Recommended Installation Tool:

- ERG50 / WT199
 - Setting 6-8

Materials/Finishes:

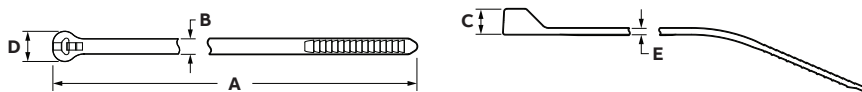
- Natural Polyamide (Nylon 6.6)
- UV-resistant black (Nylon 6.6)

Conforms to:

- Railway Ties (-RW) conforms to EN 45545-2
- RoHS (Restriction of Hazardous Substance)
 - European Directive 2011/65 and Commission Delegated Directive 2015/863

Table data:

- [TY25 series](#)
- [TY253 series](#)
- [TY28 series](#)

Cable ties:**TY25 series**

Product selection												
Part no. standard GID no.	Color	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	Tensile strength lbs. (N)	A inch (mm) ±0.160 (4.0)	B inch (mm) ±0.020 (0.51)	C inch (mm) ±0.020 (0.51)	D inch (mm) ±0.020 (0.51)	E inch (mm) ±0.010 (0.25)	Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
TY25M 7TAG009210R0042	Natural	0.12 (3)	1.89 (48)	50 (222)	7.2 (183)	0.19 (4.9)	0.22 (5.6)	3.2 (8.0)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY525M 7TAG009170R0000	Natural											
TYB25M* 7TCG009450R0193	Natural											
TY25MX 7TAG009210R0045	UV Black	0.12 (3)	1.89 (48)	50 (222)	7.2 (183)	0.19 (4.9)	0.22 (5.6)	3.2 (8.0)	0.05 (1.3)	-76 (-60)	221 (105)	-22 (-30)
TY525MX* 7TAG009170R0002	UV Black											
TYB25MX* 7TCG009450R0198	UV Black											
TY25M-1** MS3367-1-1 7TAG009270R0010	Brown	0.12 (3)	1.89 (48)	50 (222)	7.2 (183)	0.19 (4.9)	0.22 (5.6)	3.2 (8.0)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY25M-2** MS3367-1-2 7TAG009270R0011	Red											
TY25M-9** MS3367-1-9 7TAG009270R0019	Natural											
TY525M-2** MS3367-1-2 7TAG009270R0032	Red											
TYB25M-2 7TCG009450R0195	Red											
TY25M-3** MS3367-1-3 7TAG009270R0013	Orange											
TY25M-4** MS3367-1-4 7TAG009270R0014	Yellow											
TY25M-5** MS3367-1-5 7TAG009270R0015	Green											
TYB25M-5 7TCG009450R0196	Green											
TY25M-6** MS3367-1-6 7TAG009270R0016	Blue											
TYB25M-6 7TCG009450R0197	Blue											
TY25M-7** MS3367-1-7 7TAG009270R0017	Purple											
TY25M-8** MS3367-1-8 7TAG009270R0018	Gray											
TY25M-10 7TAG009270R0052	White											
TY525M-CLRS 7TAG009270R0037	Multiple Color											
TY525MR 7TCG009200R0021	Natural	0.12 (3)	1.89 (48)	50 (222)	7.3 (186)	0.18 (4.6)	0.22 (5.6)	0.33 (8.5)	0.04 (1.1)	-76 (-60)	185 (85)	-4 (-20)
TY525MR-2 7TCG009270R0058	Red											
TY525MR-3 7TCG009270R0059	Orange											
TY525MR-10 7TCG009270R0060	White											
TY525MXR 7TCG009200R0023	UV Black	0.12 (3)	1.89 (48)	50 (222)	7.3 (186)	0.18 (4.6)	0.22 (5.6)	0.33 (8.5)	0.04 (1.1)	-76 (-60)	221 (105)	-22 (-30)
TY25MX-0** MS3367-1-0 7TAG009210R0092	UV Black											
TY25MX-RW* 7TCG009210R0085	Railway UV Black											
TY525MXR-RW* 7TCG009210R0088	Railway UV Black											

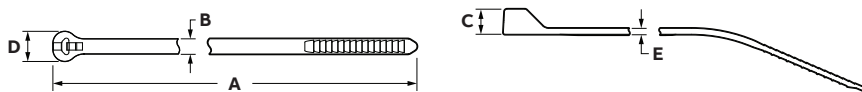
Note: Product must be installed in accordance with applicable national and local electrical codes.

* Not all certifications apply.

**Conforms to AS23190. MS Installation Tool: MS90387-1. Tension Setting: 6-8



Cable ties:
TY253 series



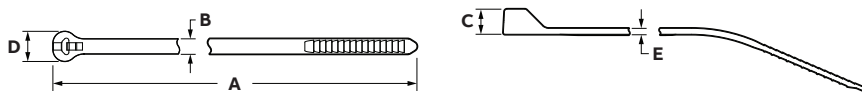
Product selection												
Part no. standard GID no.	Color	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	Tensile strength lbs. (N)	A inch (mm) ±0.160 (4.0)	B inch (mm) ±0.020 (0.51)	C inch (mm) ±0.020 (0.51)	D inch (mm) ±0.020 (0.51)	E inch (mm) ±0.010 (0.25)	Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
TY253M 7TAG009220R0001	Natural	0.12 (3)	3.07 (78)	50 (222)	11.6 (295)	0.19 (4.9)	0.22 (5.6)	0.31 (7.9)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY5253M 7TAG009180R0006	Natural											
TY5253MR 7TAG009000R0224	Natural											
TY5253MR-2 7TCG009270R0061	Red											
TY253M100 7TAG009240R0011	Natural											
TY253M-9** MS3367-7-9 7TAG009000R0223	Natural	0.12 (1.5)	3.07 (78)	50 (222)	11.6 (295)	0.19 (4.9)	0.22 (5.6)	0.31 (7.9)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY253M-1** MS3367-7-1 7TAG009270R0002	Brown	0.12 (3)	3.07 (78)	50 (222)	11.6 (295)	0.19 (4.9)	0.22 (5.6)	0.31 (7.9)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY253M-2** MS3367-7-2 7TAG009270R0003	Red											
TY5253M-2** MS3367-7-2 7TAG009270R0030	Red											
TY253M-3** MS3367-7-3 7TAG009270R0004	Orange											
TY253M4** MS3367-7-4 7TAG009270R0009	Yellow											
TY253M-5** MS3367-7-5 7TAG009270R0005	Green											
TY253M-6** MS3367-7-6 7TAG009270R0006	Blue											
TY253M-7** MS3367-7-7 7TAG009270R0007	Purple											
TY253M-8** MS3367-7-8 7TAG009270R0008	Gray											
TY253M-10 7TAG009270R0054	White											
"TY253MX 7TAG009220R0003"	UV Black	0.12 (3)	3.07 (78)	50 (222)	11.6 (295)	0.19 (4.9)	0.22 (5.6)	0.31 (7.9)	0.05 (1.3)	-76 (-60)	221 (105)	-22 (-30)
"TY5253MX 7TAG009180R0007"	UV Black											
TY5253MXR 7TCG009200R0019	UV Black											
TY253MX-RW* 7TCG009220R0011	Railway UV Black											
TY5253MXR-RW* 7TCG009220R0012	Railway UV Black											

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

* Not all certifications apply.

** Conforms to AS23190. MS Installation Tool: MS90387-1. Tension Setting 6-8.



Cable ties:**TY28 series****Product selection**

Part no. standard GID no.	Color	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	Tensile strength lbs. (N)	A inch (mm) ±0.160 (4.0)	B inch (mm) ±0.020 (0.51)	C inch (mm) ±0.020 (0.51)	D inch (mm) ±0.020 (0.51)	E inch (mm) ±0.010 (0.25)	Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
TY28M 7TAG009210R0048	Natural	0.12 (3.0)	4.02 (102)	50 (222)	14.2 (361)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	-76 (-60)	185 (85)	-4 (-20)
TY528M 7TAG009170R0003	Natural											
TY528MR 7TCG009450R0183	Natural											
TY28M-100 MS3367-2-1 7TAG009200R0016	Natural											
TY28M-1** MS3367-2-1 7TAG009270R0020	Brown											
TY28M-2** MS3367-2-2 7TAG009270R0021	Red											
TY28M-3** MS3367-2-3 7TAG009270R0022	Orange											
TY28M-4** MS3367-2-4 7TAG009270R0023	Yellow											
TY28M-5** MS3367-2-5 7TAG009270R0024	Green											
TY28M-6** MS3367-2-6 7TAG009270R0025	Blue											
TY28M-7** MS3367-2-7 7TAG009270R0026	Purple											
TY28M-8** MS3367-2-8 7TAG009270R0027	Gray											
TY28M-9** MS3367-2-9 7TAG009270R0028	Natural											
TY28MX 7TAG009210R0050	UV Black	0.12 (3.0)	4.02 (102)	50 (222)	14.2 (361)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	-76 (-60)	221 (105)	-22 (-30)
TY28M-10 7TAG009270R0051	White											
TY528MX* 7TAG009170R0004	UV Black											
TY528MXR* 7TCG009200R0025	UV Black											
TY28MX-100 7TAG009190R0038	UV Black											
TY28MX-RW* 7TCG009210R0086	Railway UV Black											
TY528MXR-RW* 7TCG009210R0089	Railway UV Black											

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** Conforms to AS23190. MS Installation Tool: MS90387-1. Tension Setting 6-8.

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