

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 (MS90387-1)
 - Setting 6-8

Materials/Finishes:

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

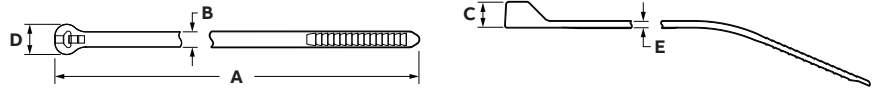
Conforms to:

- 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

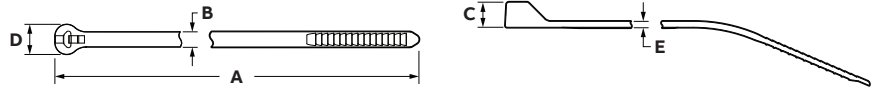
Part no. standard GID no.	Color	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	Tensile strength lbs. (N)	A		B		C		D		Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
					inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)			
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 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 7TAG009270R0011	Red														
TY25M-9 7TAG009270R0019 MS3367-1-9	Milspec Natural														
TY525M-2 7TAG009270R0032	Red														
TYB25M-2 7TCG009450R0195	Red														
TY25M-3 7TAG009270R0013	Orange														
TY25M-4 7TAG009270R0014	Yellow														
TY25M-5 7TAG009270R0015	Green														
TYB25M-5 7TCG009450R0196	Green														
TY25M-6 7TAG009270R0016	Blue														
TYB25M-6 7TCG009450R0197	Blue														
TY25M-7 7TAG009270R0017	Purple														
TY25M-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 7TAG009210R0092 MS3367-1-0	Milspec 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.



Cable ties:
TY253 series



Product selection

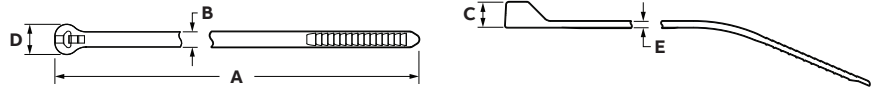
Part no. standard GID no.	Color	Min. Bundle diameter inch (mm)	Max. Bundle diameter inch (mm)	Tensile strength lbs. (N)	A		B		C		D		E	Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
					inch (mm)	±0.160 (4.0)	inch (mm)	±0.020 (0.51)	inch (mm)	±0.020 (0.51)	inch (mm)	±0.020 (0.51)				
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 7TAG009000R0223	Milspec 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 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 7TAG009270R0003	Red															
TY5253M-2 7TAG009270R0030	Red															
TY253M-3 7TAG009270R0004	Orange															
TY253M4 7TAG009270R0009	Yellow															
TY253M-5 7TAG009270R0005	Green															
TY253M-6 7TAG009270R0006	Blue															
TY253M-7 7TAG009270R0007	Purple															
TY253M-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.



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		B		C		D		E	Minimum Operating Temp. °F (°C)	Maximum Operating Temp. °F (°C)	Minimum Installation Temp. °F (°C)
					inch (mm)	±0.160 (4.0)	inch (mm)	±0.020 (0.51)	inch (mm)	±0.020 (0.51)	inch (mm)	±0.020 (0.51)				
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 7TAG009200R0016	Natural															
TY28M-1 7TAG009270R0020	Brown															
TY28M-2 7TAG009270R0021	Red															
TY28M-3 7TAG009270R0022	Orange															
TY28M-4 7TAG009270R0023	Yellow															
TY28M-5 7TAG009270R0024	Green															
TY28M-6 7TAG009270R0025	Blue															
TY28M-7 7TAG009270R0026	Purple															
TY28M-8 7TAG009270R0027	Gray															
TY28M-9 7TAG009270R0028 MS3367-2-9	Milspec 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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* Not all certifications apply.

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Product search

