

TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, intermediate 30lbs (134N) & 40lbs (178N)

TY24, TY242, TY26, and TY244 series natural, UV-resistant black, and colored 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

Recommended Installation Tool:

- ERG50 / WT199
 - Setting 3-5

Materials:

- Body - Nylon 6,6

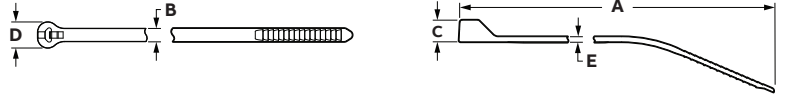
Conforms to:

- RoHS (Restriction of Hazardous Substances)
 - European Directive 2011/65 and Commission Delegated Directive 2015/863
- UL 62275 under File E49405
- Railway (-RW) ties conform to EN 45545-2

Table data:

- For TY24 series
- For TY242 series
- For TY26 series
- For TY244 series

Cable ties
TY24 series



Product selection

Part no.	Color	Min. bundle diameter inch (mm)	Max. bundle diameter inch (mm)	Tensile strength lbs. (N)	A	B	C	D	E	Min. Operating Temp. °F (°C)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)
					inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)			
TY24M 7TAG009130R0007	Natural	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	185 (85)	-40 (-40)
TY524M 7TAG009090R0006	Natural											
TY524MR 7TCG009110R0026	Natural											
TY524MR-0 7TCG009450R0171	UV Black	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	185 (85)	32 (0)
TY24MX-0** MS3367-5-0 7TAG009120R0010	UV Black											
TY24MX 7TAG009130R0009	UV Black	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	221 (105)	-40 (-40)
TYB24MX 7TCG009960R0069	UV Black											
TY524MX 7TAG009090R0007	UV Black	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	221 (105)	-40 (-40)
TY24MX-RW* 7TCG009130R0010	UV Black Railway	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	221 (105)	-40 (-40)
TY524MXR 7TCG009450R0172	UV Black	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	221 (105)	-40 (-40)
TY524MXR-RW* 7TCG009130R0013	UV Black Railway	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	221 (105)	-40 (-40)
TY24M-1** MS3367-5-1 7TAG009160R0016	Brown	0.08 (2.0)	1.38 (35.0)	40 (178)	5.4 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	185 (85)	-40 (-40)
TY24M-2** MS3367-5-2 7TAG009160R0017	Red											
TY24M-3** MS3367-5-3 7TAG009160R0018	Orange											
TY524M-3** MS3367-5-3 7TAG009160R0031	Orange											
TY24M-4** MS3367-5-4 7TAG009160R0019	Yellow											
TY24M-5** MS3367-5-5 7TAG009160R0020	Green											
TY24M-6** MS3367-5-6 7TAG009160R0021	Blue											
TY24M-7** MS3367-5-7 7TAG009160R0022	Purple											
TY24M-8** MS3367-5-8 7TAG009160R0023	Gray											
TY24M-9** MS3367-5-9 7TAG009160R0024	Natural											

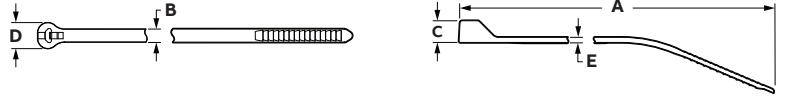
Note: Product must be installed in accordance with applicable national and local electrical codes.

*All certification marks may not apply.

** MS Installation Tool: MS90387-1. Tool setting range 3-5.



Cable ties
TY242 series



Product selection

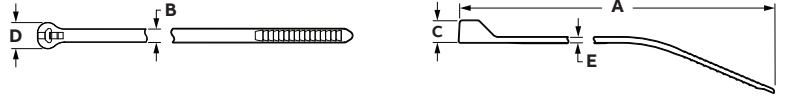
Part no.	Color	Min. bundle diameter inch (mm)	Max. bundle diameter inch (mm)	Tensile strength lbs. (N)	A	B	C	D	E	Min. Operating Temp. °F (°C)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)
					inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)			
TY242M 7TAG009160R0012	Natural	0.08 (2.0)	2.01 (51)	40 (178)	8.2 (208)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	185 (85)	-40 (-40)
TY5242M 7TAG009090R0002	Natural											
TY5242MR 7TCG009110R0021	Natural											
TY242MX* 7TAG009130R0004	UV Black	0.08 (2.0)	2.01 (51)	40 (178)	8.2 (208)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-76 (-60)	185 (85)	-4 (-20)
TY5242MX* 7TAG009090R0002	UV Black											
TY5242MXR 7TCG009110R0022	UV Black											
TY5242MXR-RW* 7TCG009130R0014	UV Black Railway											
TY242MX-RW* 7TCG009130R0011	UV Black Railway											
TY242M-1 7TAG009000R0216	Brown	0.08 (2.0)	2.01 (51)	40 (178)	8.2 (208)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-40 (-40)	185 (85)	-40 (-40)
TY242M-2 7TAG009160R0005	Red											
TY242M-3 7TAG009160R0006	Orange											
TY242M-4 7TAG009160R0007	Yellow											
TY242M-5 7TAG009160R0008	Green											
TY242M-6 7TAG009160R0009	Blue											
TY242M-7 7TAG009160R0010	Purple											
TY242M-8 7TAG009160R0011	Gray											

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Cable ties
TY26 series



Product selection

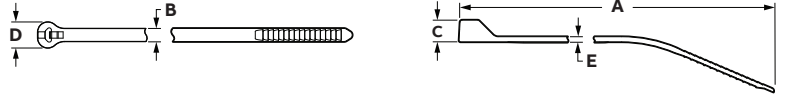
Part no.	Color	Min. bundle diameter inch (mm)	Max. bundle diameter inch (mm)	Tensile strength lbs. (N)	A	B	C	D	E	Min. Operating Temp. °F (°C)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)
					inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)			
TY26M 7TAG009120R0002	Natural	0.08 (2.0)	2.99 (76)	30 (134)	10.9 (277)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-76 (-60)	185 (85)	-4 (-20)
TY526M 7TAG009080R0001	Natural											
TY526MR 7TCG009450R0177	Natural											
TY26MX 7TAG009120R0004	UV Black	0.08 (2.0)	2.99 (76)	29 (130)	10.9 (277)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-76 (-60)	221 (105)	-22 (-30)
TY526MX 7TAG009080R0001	UV Black											
TY26MX-RW*	UV Black Railway											
TY526MXR	UV Black											
TY526MXR-RW*	UV Black Railway											
TY26M-1 7TAG009000R0234	Brown	0.08 (2.0)	2.99 (76)	30 (134)	10.9 (277)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.04 (1.0)	-76 (-60)	185 (85)	-4 (-20)
TY26M-2 7TAG009160R0025	Red											
TY26M-3 7TAG009160R0026	Orange											
TY26M-4 7TAG009160R0027	Yellow											
TY26M-5 7TAG009160R0028	Green											
TY26M-6 7TAG009160R0029	Blue											
TY26M-7 7TAG009000R0235	Purple											
TY26M-8 7TAG009160R0030	Gray											

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Cable ties
TY244 series



Product selection

Part no.	Color	Min. bundle diameter inch (mm)	Max. bundle diameter inch (mm)	Tensile strength lbs. (N)	A	B	C	D	E	Min. Operating Temp. °F (°C)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)
					inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)			
TY244M 7TCG009130R0005	Natural	0.08 (2.0)	4.02 (102)	30 (134)	14.4 (366)	0.14 (3.6)	0.18 (4.6)	0.26 (6.6)	0.04 (1.0)	-76 (-60)	185 (85)	-4 (-20)
TY5244MR 7TCG009110R0023	Natural											
TY5244M 7TCG009090R0004	Natural											
TY244MX 7TCG009130R0006	UV Black	0.08 (2.0)	4.02 (102)	29 (130)	14.4 (366)	0.14 (3.6)	0.18 (4.6)	0.26 (6.6)	0.04 (1.0)	-76 (-60)	221 (105)	-22 (-30)
TY5244MX 7TCG009090R0005	UV Black											
TY5244MXR 7TCG009110R0025	UV Black											
TY5244MXR-RW* 7TCG009130R0015	UV Black Railway											
TY244MX-RW* 7TCG009130R0012	UV Black Railway											
TY244M-2 7TCG009160R0013	Red	0.08 (2.0)	4.02 (102)	30 (134)	14.4 (366)	0.14 (3.6)	0.18 (4.6)	0.26 (6.6)	0.04 (1.0)	-76 (-60)	185 (85)	-4 (-20)
TY244M-4 7TCG009000R0220	Yellow											
TY244M-6 7TCG009160R0014	Blue											
TY244M-8 7TCG009160R0015	Gray											

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

