
TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, heavy duty

TY27 and TY29 series, 120 lbs.

Ty-Rap®



Features:

- 316 stainless steel barb is corrosion resistant and provides greater longevity

Ratings:

- Minimum operating temperature: -76°F (-60°C)

Recommended Installation Tool:

- [ERG120](#) / [WT197](#) (MS90387-2)
 - Setting 6-8

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

End User Tools

Conforms to:

- UL 62275 under File E49405

Materials:

- Body - Nylon 6,6

Cable ties:
TY27M series

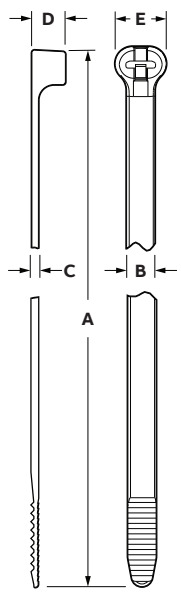
Product selection

Drawing	Part no: GID no:	Max. bundle diameter inch (mm)	Tensile strength lbs. (N)	A inch (mm) ±0.3 (8)	B inch (mm) ±0.03 (0.8)	C inch (mm) ±0.01 (0.3)	D inch (mm) ±0.04 (1)	E inch (mm) ±0.06 (1.5)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)	Flame
	TY271M 7TCG009450R0162	0.98 (25)	54 (240)	5.9 (150)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.48 (12.2)	185 (85)	-4 (-20)	V-2
	TY271MX 7TCG009450R0163		121 (540)						221 (105)	-40 (-40)	
	TY27M 7TAG009320R0003	4.02 (102)	121 (540)	13.5 (343)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.48 (12.2)	185 (85)	-4 (-20)	V-2
	TY527M 7TAG009280R0001										
	TY27MX 7TAG009320R0004	4.02 (102)	121 (540)	13.5 (343)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.48 (12.2)	185 (85)	-22 (-30)	HB
	TY527MX 7TAG009280R0002										
	TY27MX-RW 7TAG009320R0006	4.02 (102)	121 (540)	13.5 (343)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.48 (12.2)	221 (105)	-40 (-40)	V-2
	TY527MXR-RW 7TCG009320R0007										
	TY275M 7TAG009330R0009	5.0 (127)	121 (540)	18.0 (457)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.51 (13)	185 (85)	-4 (-20)	V-2
	TY5275M 7TAG009290R0004										
	TY275MX 7TAG009320R0001	5.0 (127)	121 (540)	18.0 (457)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.51 (13)	185 (85)	-40 (-40)	HB
	TY5275MX 7TAG009280R0000										
	TY277M 7TAG009340R0003	6.97 (177)	121 (540)	24.3 (617)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.51 (13)	185 (85)	-4 (-20)	V-2
	TY5277M 7TAG009290R0005										
	TY277MX 7TAG009330R0010	6.97 (177)	121 (540)	24.3 (617)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.51 (13)	185 (85)	-40 (-40)	HB
	TY5277MX 7TAG009290R0006										

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

Cable ties:

TY27M color series

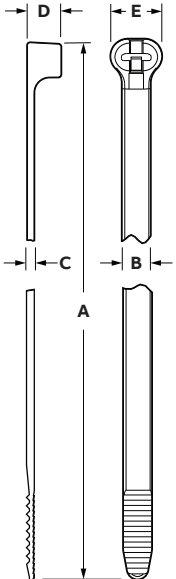
Product selection												
Drawing	Part no: GID no: Milspec no:	Color code	Max. bundle diameter. inch (mm)	Tensile strength lbs. (N)	A inch (mm) ±0.3 (8)	B inch (mm) ±0.03 (0.8)	C inch (mm) ±0.01 (0.3)	D inch (mm) ±0.04 (1)	E inch (mm) ±0.06 (1.5)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)	Flame
	TY27M-1 7TAG009370R0022	Brown	4.02 (102)	121 (540)	13.5 (343)	0.29 (7.4)	0.06 (1.5)	0.29 (7.3)	0.48 (12.2)	185 (85)	-4 (-20)	V-2
	TY27M-2 7TAG009370R0023	Red	4.02 (102)	121 (540)	13.5 (343)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.48 (12.2)	185 (85)	-4 (-20)	V-2
	TY27M-3 7TAG009370R0024	Orange										
	TY27M-4 7TAG009370R0025	Yellow										
	TY27M-5 7TAG009370R0026	Green										
	TY27M-6 7TAG009370R0027	Blue										
	TY27M-7 7TAG009370R0028	Purple										
	TY27M-8 7TAG009370R0029	Gray										
	TY27M-9* 7TAG009370R0030 MS3367-3-9	Military Natural										
	TY27M-10 7TAG009370R0045	White										
	TY27MX-0* 7TAG009320R0009 MS3367-3-0	Military UV Black	4.02 (102)	121 (540)	13.5 (343)	0.29 (7.4)	0.06 (1.5)	0.29 (7.3)	0.48 (12.2)	185 (85)	32 (0)	V-2

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

*All certification marks may not apply.

Cable ties:

TY29M color series

Product selection												
Drawing	Part no: GID no: Milspec no:	Color code	Max. bundle diameter. inch (mm)	Tensile strength lbs. (N)	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)	Max. Operating Temp. °F (°C)	Min. Installation Temp. °F (°C)	Flame
	TY29M-1 7TCG009370R0031	Brown	9.02 (229)	121 (540)	30.3 (770)	0.27 (6.9)	0.06 (1.5)	0.32 (8.1)	0.5 (12.7)	185 (85)	-4 (-20)	V-2
	TY29M-2 7TAG009370R0032	Red										
	TY29M-3 7TAG009370R0033	Orange										
	TY29M-4 7TAG009370R0034	Yellow										
	TY29M-5 7TCG009370R0035	Green										
	TY29M-6 7TCG009370R0036	Blue										
	TY29M-7 7TAG009370R0037	Purple										
	TY29M-8 7TCG009370R0038	Gray										
	TY29M-9* 7TCG009370R0039 MS3367-6-9	Military Natural										
	TY29M-10 7TAG009370R0044	White										
	TY29M 7TAG009330R0012	Natural										
	TY29MX 7TAG009330R0014	UV Black									-22 (-30)	HB
	TY29MX-0* 7TAG009320R0008 MS3367-6-0	Military UV Black									32 (0)	V-2
	TY29MX-RW 7TAG009330R0015	Railway UV Black								221 (105)	-40 (-40)	V-2

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