
 TECHNICAL DATA SHEET

Cable Tie, heavy duty

TY27 and TY29 series, 120 lbs.

Ty-Rap®



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

Certifications / Standards:



Features:

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

Recommended Installation Tool:

- ERG120 / WT197 (MS90387-2)
 - Setting 6-8

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)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)	Min. Operating Temp. °C (°F)	Max. Operating Temp. °C (°F)	Min. Installation Temp °C (°F)	
	TY271M 7TCG009450R0162	0.98 (25)	54 (240)	5.9 (150)	0.27 (6.9)	0.32 (8.1)	0.48 (12.2)	0.06 (1.5)	-60 (-76)	85 (185)	-20 (-4)	
	TY271MX 7TCG009450R0163		120 (540)									105 (221)
	TY27M 7TAG009320R0003		4.02 (102)	120 (540)	13.5 (342)	0.27 (6.9)	0.32 (8.1)	0.48 (12.2)	0.06 (1.5)	85 (185)	-20 (-4)	
	TY527M 7TAG009280R0001											
	TY27MX 7TAG009320R0004								-30 (-22)			
	TY527MX 7TAG009280R0002											
	TY27MX-RW 7TAG009320R0006								105 (221)	-40 (-40)		
	TY527MXR-RW 7TCG009320R0007											
	TY275M 7TAG009330R0009		5.0 (127)	120 (540)	18.0 (457)	0.27 (6.9)	0.32 (8.1)	0.51 (13)	0.06 (1.5)	85 (185)	-20 (-4)	
	TY5275M 7TAG009290R0004											
	TY275MX 7TAG009320R0001											-40 (-40)
	TY5275MX 7TAG009280R0000											
	TY277M 7TAG009340R0003		6.97 (177)	120 (540)	24.3 (617)	0.27 (6.9)	0.32 (8.1)	0.51 (13)	0.06 (1.5)	85 (185)	-20 (-4)	
	TY5277M 7TAG009290R0005											
	TY277MX 7TAG009330R0010											-40 (-40)
	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)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)	Min. Operating Temp. °C (°F)	Max. Operating Temp. °C (°F)	Min. Installation Temp. °C (°F)
	TY27M-1 7TAG009370R0022	Brown	4.02 (102)	120 (540)	13.5 (342)	0.27 (6.9)	0.32 (8.1)	0.48 (12.2)	0.06 (1.5)	-60 (-76)	85 (185)	-20 (-4)
	TY27M-2 7TAG009370R0023	Red										
	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								105 (221)	-40 (-40)		

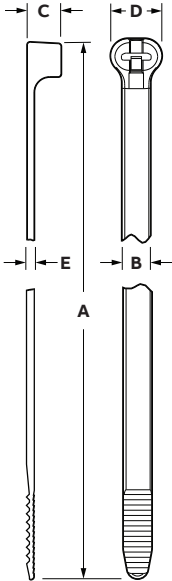
Note: Product must be installed in accordance with applicable national and local electrical codes.

*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)	Min. Operating Temp. °C (°F)	Max. Operating Temp. °C (°F)	Min. Installation Temp. °C (°F)
	TY29M-1 7TCG009370R0031	Brown	9.02 (229)	120 (540)	30.3 (770)	0.27 (6.9)	0.32 (8.1)	0.50 (12.7)	0.06 (1.5)	-60 (-76)	85 (185)	-20 (-4)
	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										
TY29MX-0* 7TAG009320R0008 MS3367-6-0	Military UV Black										0 (32)	
TY29MX-RW 7TCG009320R0007	Railway UV Black									105 (221)	-40 (-40)	
TY29M 7TAG009330R0012	Natural									85 (185)	-20 (-4)	
TY29MX 7TAG009330R0014	UV Black										-30 (-22)	

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

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