

TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, chemical and weather resistant Polypropylene (TYP) and Nylon 12 (TYC)

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
End User Tools

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Features:

- 316 stainless steel barb is corrosion resistant and helps provide greater longevity
- Improved chemical resistance

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Recommended Installation tools:

For recommended tool for each part number, see chart on next page

- ERG50 / WT199
- ERG120 / WT197

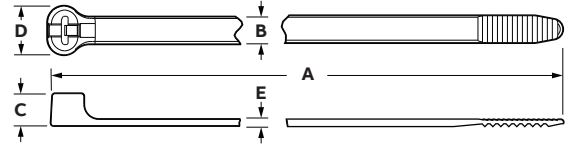
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Ratings:

- Minimum installation temperature: -40°C (-40°F)

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Materials:

- TYP series - UV-Resistant Polypropylene
- TYC series - UV-Resistant Polyamide 12
- Color - Black

Cable ties
Polypropylene:



Product selection									
Part No. GID No.	Listings	Min. Bundle dia inch (mm)	Max. Bundle dia inch (mm)	A ± 0.25 (6) inch (mm)	B ± 0.03 (0.8) inch (mm)	C ± 0.05 (1.3) inch (mm)	D ± 0.06 (1.5) inch (mm)	E ± 0.015 (0.4) inch (mm)	Min Tensile lbs. (N)
TYP23MX 7TAG009600R0000	—	0.06 (1.5)	0.86 (22)	3.6 (92)	0.09 (2.3)	0.15 (3.9)	0.19 (4.7)	0.04 (1)	18 (80)
TYP25MX 7TAG009600R0001	—	0.12 (3)	1.77 (45)	7.3 (186)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	40 (180)
TYP27MX 7TAG009600R0002	—	0.24 (6)	3.5 (90)	13.5 (343)	0.27 (6.9)	0.29 (7.4)	0.48 (12.2)	0.06 (1.5)	60 (270)
TYP28MX 7TAG009600R0003	—	0.19 (4.8)	4 (102)	14.2 (360)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	40 (180)

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

Cable Ties
Nylon 12:

Product selection									
Part No. GID No.	Listings	Min. Bundle dia inch (mm)	Max. Bundle dia inch (mm)	A ± 0.25 (6) inch (mm)	B ± 0.03 (0.8) inch (mm)	C ± 0.05 (1.3) inch (mm)	D ± 0.06 (1.5) inch (mm)	E ± 0.015 (0.4) inch (mm)	Min Tensile lbs. (N)
TYC25MX 7TCG009580R0001	CE Type 2	0.12 (3)	1.88 (48)	7.3 (186)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	40 (180)
TYC525MX 7TCG009580R0006	CE Type 2	0.12 (3)	1.88 (48)	7.3 (186)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	40 (180)
TYC27MX 7TCG009580R0003	CE Type 2	0.19 (4.8)	4 (102)	13.5 (343)	0.29 (7.4)	0.29 (7.4)	0.48 (12.2)	0.06 (1.5)	90 (400)
TYC527MX 7TCG009580R0007	CE Type 2	0.19 (4.8)	4 (102)	13.5 (343)	0.29 (7.4)	0.29 (7.4)	0.48 (12.2)	0.06 (1.5)	90 (400)
TYC272MX 7TCG009580R0002	—	0.19 (4.8)	2 (51)	8.8 (222)	0.27 (6.9)	0.32 (8.1)	0.5 (12.7)	0.06 (1.5)	85 (380)
TYC28MX 7TCG009580R0004	CE Type 2	0.12 (3)	4 (102)	14.2 (360)	0.19 (4.8)	0.22 (5.6)	0.32 (8.1)	0.05 (1.3)	40 (180)
TYC29MX 7TCG009580R0005	CE Type 2	0.19 (4.8)	9 (230)	30.3 (770)	0.3 (7.6)	0.26 (6.6)	0.54 (13.7)	0.06 (1.5)	90 (400)

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

Cable Tie
Temperature and tools:

Product selection - Polypropylene		
Part No.	Temperature range	Tools
TYP23MX	-60° to 85°C (-76° to 185°F)	ERG50
TYP25MX	-60° to 85°C (-76° to 185°F)	ERG50, ERG120
TYP27MX	-40° to 85°C (-40° to 185°F)	ERG120
TYP28MX	-60° to 85°C (-76° to 185°F)	ERG50, ERG120

Product Selection - Nylon 12		
Part No.	Temperature range	Tools
TYC25MX	-40° to 105°C (-40° to 221°F)	ERG50, ERG120
TYC525MX	-40° to 105°C (-40° to 221°F)	ERG50, ERG120
TYC27MX	-40° to 105°C (-40° to 221°F)	ERG120
TYC527MX	-40° to 105°C (-40° to 221°F)	ERG120
TYC272MX	-40° to 85°C (-40° to 185°F)	ERG120
TYC28MX	-40° to 105°C (-40° to 221°F)	ERG50, ERG120
TYC29MX	-40° to 105°C (-40° to 221°F)	ERG120

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