
 TECHNICAL DATA SHEET

Cable Tie, detectable

NDT and PDT series

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

Features:

- Detectable by metal detectors, X-ray equipment and visual detection
- Specially formulated high metallic density
- Engineered metallic content is formulated for higher detection
- 316 stainless steel barb is corrosion resistant and helps provide greater longevity

Typical applications:

- Food and beverage processing
- Pharmaceutical production
- Chemical and compounds manufacturing
- Tobacco processing
- Tire and airbag manufacturing
- Any other industry sensitive to contamination and using detection equipment

Materials & Finishes

- NDT: Nylon, UV-resistant
- PDT: Chemical-resistant polypropylene
- Colors: blue, brown and natural (gray)

Ratings:

- Classified as Type 1
- Minimum installation temperature: -20°C (-4°F)
- Minimum operating temperature: -40°C (-40°F)
- Maximum operating temperature: 85°C (185°F)

Flammability:

- UL94 HB

**Cable ties, detectable:
NDT and PDT series**

Product selection										
Part no:	Figure	Max. bundle diameter in. (mm)	Tensile strength lbs. (N)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)		
TY523M-NDT *	1	0.63 (16)	11 (50)	3.6 (92)	0.09 (2.3)	0.15 (3.9)	0.19 (4.7)	0.035 (0.9)		
TY523M-1-NDT										
TY523M-9-NDT										
TY523M-PDT *			1.38 (35)	30 (133)	5.3 (137)	0.14 (3.6)	0.18 (4.6)	0.25 (6.4)	0.043 (1.1)	
TY523M-1-PDT										
TY523M-9-PDT										
TY524M-NDT *			1.77 (45)	50 (222)	7.2 (181)	0.18 (4.6)	0.22 (5.6)	0.32 (8.1)	0.047 (1.2)	
TY525M-NDT *										
TY525M-1-NDT										
TY525M-9-NDT		3.0 (76)	50 (222)	11.4 (289)	0.19 (4.7)	0.21 (5.3)	0.31 (7.8)			
TY525M-PDT *										
TY525M-1-PDT										
TY525M-9-PDT		2	120 (534)	13.5 (343)	0.27 (6.9)	0.32 [8.1]	0.48 (12.2)	0.06 (1.5)		
TY527M-NDT										
TY527M-1-NDT *										
TY527M-9-NDT			60 (267)	50 (222)	14.2 (361)	0.18 (4.7)	0.22 (5.5)	0.32 (8.2)	0.047 (1.2)	
TY527M-PDT *										
TY527M-1-PDT										
TY527M-9-PDT			30 (135)	50 (222)	14.2 (361)	0.18 (4.7)	0.22 (5.5)	0.32 (8.2)	0.047 (1.2)	
TY528M-NDT *										
TY528M-1-NDT										
TY528M-9-NDT			30 (135)	50 (222)	14.2 (361)	0.18 (4.7)	0.22 (5.5)	0.32 (8.2)	0.047 (1.2)	
TY528M-PDT *										
TY528M-1-PDT										
TY528M-9-PDT										

Note: Product must be installed in accordance with applicable national and local electrical codes.
*UL recognized listing refers to -US suffix, which appears on the labels for these items. UL recognition does not apply to colors other than blue.

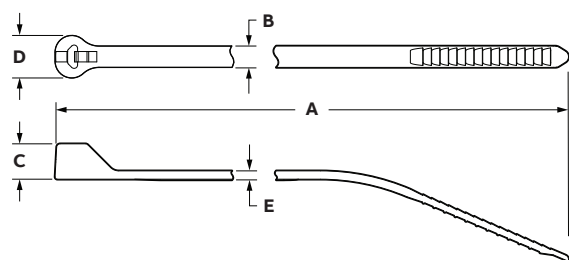


Figure 1

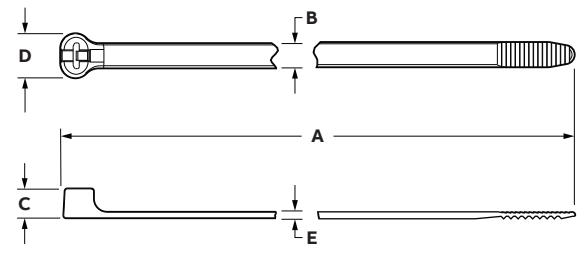


Figure 2