TECHNICAL DATA SHEET

Cable Tie, detectable, *antimicrobial

Ty-Genic™ 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
Tools and Calculators

01 NDT cable tie
02 PDT cable tie

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
- Proprietary nylon and polypropylene resin blends with an EPA registered antimicrobial additive to help prevent growth of microorganisms on the Ty-Rap® TyGenic™ cable ties
- The nylon and polypropylene blends are designed to be more than 99% effective in eliminating common surface microbes in independent lab tests in accordance with ISO22196

Materials & Finishes
- NDT: Nylon blend
- PDT: Chemical-resistant polypropylene blend
- Colors: Dark Blue (NDT), Light Blue (PDT)

Conforms to:
- EU and FDA food contact safe regulations
- RoHS (Restriction of Hazardous Substance)
  - European Directive 2011/65 and Commission Delegated Directive 2015/863

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

Ratings:
- Minimum installation temperature: -20°C (-4°F)
- Minimum operating temperature: -40°C (-40°F)
- Maximum operating temperature: 85°C (185°F)

Table data:
- NDT and PDT series dimensions

***NOTE:** Ty-Rap® TyGenic™ antimicrobial detectable cable ties provide no antimicrobial inhibitory activity beyond protection of the cable ties themselves. They do not provide protection against specific pathogenic organisms, nor do they prevent growth of bacteria on adjacent or nearby surfaces. The antimicrobial efficacy of the material is designed to last for the life of the cable tie under normal use conditions.

Cable ties, detectable:
NDT and PDT series

Product selection									
Part no:	**Figure**	**Min. bundle diameter in. (mm**	**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	0.06 (1.5)	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-PDT				11 (50)	3.6 (92)	0.09 (2.3)	0.15 (3.9)	0.19 (4.7)	0.035 (0.9)
TY525M-NDT		0.12 (3)	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-PDT				30 (135)					
TY527M-NDT	2	0.19 (4.8)	3.74 (95)	120 (534)	13.5 (343)	0.27 (6.9)	0.32 [8.1]	0.48 (12.2)	0.06 (1.5)
TY527M-PDT				60 (267)					
TY528M-NDT		0.19 (4.8)	4.01 (102)	50 (222)	14.2 (361)	0.18 (4.7)	0.22 (5.5)	0.32 (8.2)	0.047 (1.2)
TY528M-PDT				30 (135)					

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

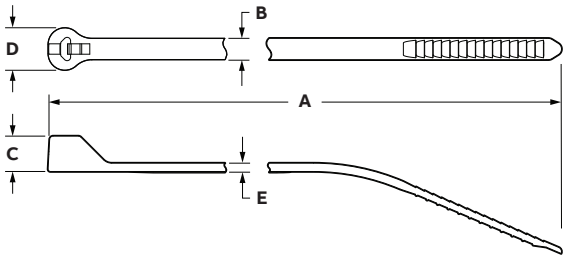


Figure 1

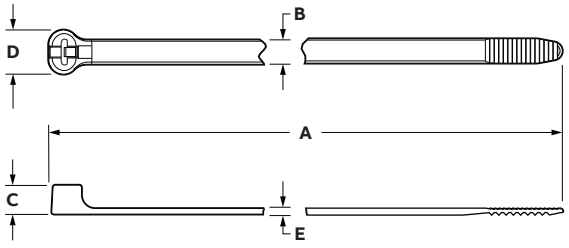


Figure 2

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Product search