

TECHNICAL DATA SHEET - INTERACTIVE PDF

# Cable Tie, ADT series

## Antimicrobial\* detectable

**Ty-Rap® TyGenic™**



### Features:

- Proprietary nylon resin blend with an EPA registered antimicrobial additive to prevent growth of microorganisms on the Ty-Rap® TyGenic™ cable tie
- Proven to be more than 99% effective in eliminating common surface microbes in independent lab tests in accordance with ISO22196
- Compliant to EU and FDA food contact safe regulations
- 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
- **\*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

### Material / Finishes:

- Antimicrobial detectable nylon, UV resistant
- Colors: deep blue

Ty-Rap® TyGenic™ antimicrobial\* detectable 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**

### Conforms to:

- 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:

- 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

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**Product selection and dimensions**

Part no.	Figure	Max. bundle diameter in. (mm)	Tensile strength lbs. (N)	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)
TY523M-ADT	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)
TY525M -ADT	1	1.77 (45)	50 (222)	7.2 (181)	0.18 (4.6)	0.22 (5.6)	0.32 (8.1)	0.047 (1.2)
TY527M-ADT	2	3.74 (95)	120 (534)	13.5 (343)	0.27 (6.9)	0.32 (8.1)	0.48 (12.2)	0.06 (1.5)
TY528M-ADT	2	4.01 (102)	50 (222)	14.2 (361)	0.18 (4.7)	0.22 (5.5)	0.32 (8.2)	0.047 (1.2)

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.

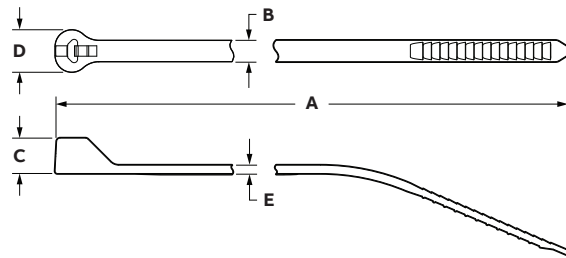


Figure 1

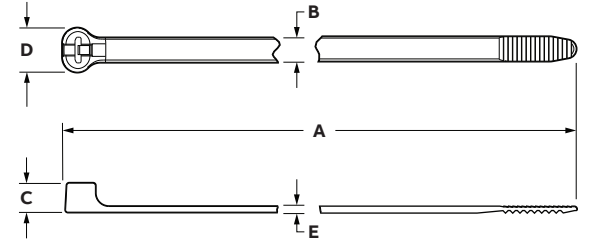


Figure 2