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 TECHNICAL DATA SHEET

# Cable Tie, detectable

## NDT series

**Ty-Rap®**




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**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

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**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

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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**Conforms to:**

- REACH Compliant

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**Materials & Finishes:**

- NDT: Nylon
- Color: Blue

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**Ratings:**

- Classified as Type 1
- Minimum installation temperature: -20°C (-4°F)
- Minimum operating temperature: -40°C (-76°F)
- Maximum operating temperature: 85°C (185°F)
- UV Resistant

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**Flammability:**

- UL94 HB

**Cable ties, detectable:  
NDT series**

Product selection									
Part no:	Figure	Min. bundle diameter mm (in.)	Max. bundle diameter mm (in.)	Tensile strength N (lbs)	A	B	C	D	E
					±3.0 (0.118) mm (in.)	±0.25 (0.010) mm (in.)	±0.76 (0.30) mm (in.)	±0.76 (0.30) mm (in.)	±0.25 (0.010) mm (in.)
TY523MR-NDT 7TCG009330R0027	1	1.5 (0.06)	16 (0.63)	50 (11)	93 (3.66)	1.0 (0.04)	3.8 (0.15)	4.7 (0.19)	2.3 (0.09)
TY524MR-NDT 7TCG009330R0028		2.0 (0.08)	35 (1.38)	133 (30)	140 (5.51)	1.0 (0.04)	4.6 (0.18)	6.4 (0.25)	3.6 (0.14)
TY5253M-NDT * 7TAG009660R0071		3.0 (0.12)	76 (3.0)	222 (50)	289 (11.4)	4.7 (0.19)	5.3 (0.21)	7.8 (0.31)	1.2 (0.047)
TY525MR-NDT 7TCG009330R0026		3.0 (0.12)	45 (1.77)	222 (50)	186 (7.32)	1.1 (0.04)	5.6 (0.22)	8.5 (0.33)	4.6 (0.18)
TY527MR-NDT 7TCG009330R0029	2	4.8 (0.19)	95 (3.74)	534 (120)	345 (13.58)	1.5 (0.06)	8.0 (0.31)	2.7 (0.50)	6.9 (0.27)
TY528MR-NDT 7TCG009330R0025		4.8 (0.19)	102 (4.02)	222 (50)	361 (14.21)	1.3 (0.05)	5.6 (0.22)	8.0 (0.31)	4.8 (0.19)

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.

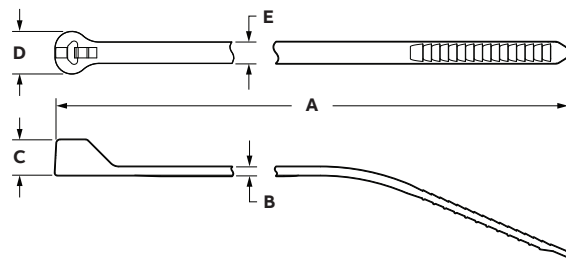


Figure 1

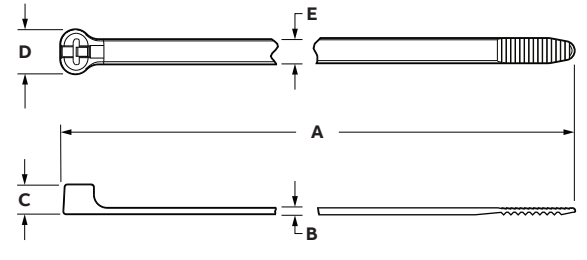


Figure 2