
 TECHNICAL DATA SHEET

Cable Tie, detectable

NDT and PDT series

Ty-Rap®



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

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

Conforms to:

- REACH Compliant

Materials & Finishes:

- NDT: Nylon
- Color: Blue
- NDT: Nylon, UV-resistant
- PDT: Chemical-resistant polypropylene
- Color: Blue

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

Flammability:

- UL94 HB

**Cable ties, detectable:
NDT series**

Product selection

Part no:	Figure	Min. bundle diameter mm	Max. bundle diameter mm	Tensile strength N	A ±3.0 mm	B ±0.25 mm	C ±0.76 mm	D ±0.76 mm	E ±0.25 mm
TY523MR-NDT	1	1.5	16.0	50.0	93.0	1.0	3.8	4.7	2.3
TY524MR-NDT	1	2.0	35.0	133.0	140.0	1.0	4.6	6.4	3.6
TY5253M-NDT *	1	3.0	76.0	222.0	289.0	4.7	5.3	7.8	1.2
TY525MR-NDT	1	3.0	45.0	222.0	186.0	1.1	5.6	8.5	4.6
TY527MR-NDT	2	4.8	95.0	534.0	345.0	1.5	8.0	2.7	6.9
TY528MR-NDT	2	4.8	102.0	222.0	361.0	1.3	5.6	8.0	4.8

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.

**Cable ties, detectable:
PDT series**

Product selection

Part no:	Figure	Min. bundle diameter mm	Max. bundle diameter mm	Tensile strength N	A ±3.0 mm	B ±0.25 mm	C ±0.76 mm	D ±0.76 mm	E ±0.25 mm
TY523MR-PDT	1	1.5	16.0	50.0	93.0	1.0	3.8	4.7	2.3
TY525MR-PDT	1	3.0	45.0	135.0	186.0	1.1	5.6	8.5	4.6
TY527MR-PDT	2	4.8	95.0	267.0	345.0	1.5	8.0	2.7	6.9
TY528MR-PDT	2	4.8	102.0	135.0	361.0	1.3	5.6	8.0	4.8

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.

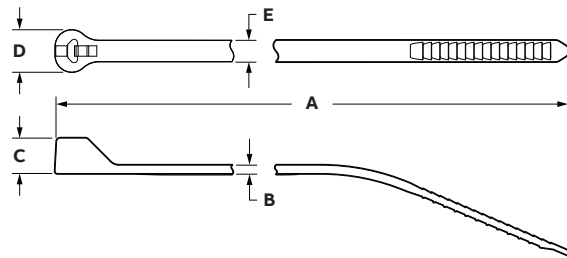


Figure 1

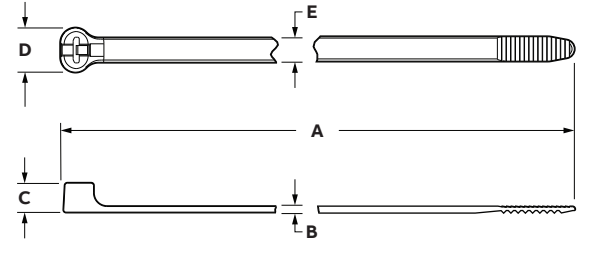


Figure 2