

TECHNICAL DATA SHEET

Cable Tie, detectable

NDT 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

Conforms to:

• REACH Compliant

Materials & Finshes:

- NDT: Nylon
- · 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:

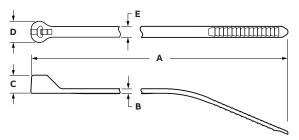
• UL94 HB

Cable ties, detectable:

NDT series

Product selection									
Part no:	Figure	Min. bundle diameter mm (in.)	Max. bundle diameter mm (in.)	Tensile strength N (lbs)	±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	-	1.5 (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.



We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars

responsibility whatsoever for potential errors or possible lack of information in this

shall prevail. ABB does not accept any

document.

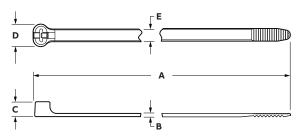


Figure 1

We reserve all rights in this document and in

the subject matter and illustrations contained therein. Any reproduction

– in whole or in part – is forbidden without prior written consent of ABB. © 2021 ABB Installation Products Inc. and/or its related companies. All Rights Reserved.