

TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, mounting

Mounting head & Push mount 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

01 UV mounting head
02 Natural mounting head
03 Natural push mount

Features:

Sub title

- 316 stainless steel barb is corrosion resistant and helps provide greater longevity

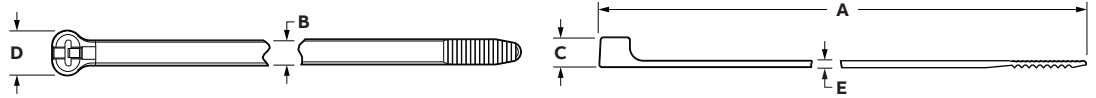
Material / Finishes:

- Body - Nylon 6,6

Recommended Installation Tool:

- ERG50 / WT199 (MS90387-1)
 - Setting 1-3 for 18lb (80N) ties
 - Setting 3-5 for 30lb-40lb (140-178N) ties
 - Setting 6-8 for 50lb (222N)
- ERG120 / WT197 (MS90387-2)
 - Setting 5-8 for 120lb (534N)

Cable Ties, mounting
Mounting head



Product selection

| Part no. standard GID no. | Part no. bulk GID no. | Mounting hole size | Min. Bundle diameter inch (mm) | Max. Bundle diameter inch (mm) | Tensile strength lbs. (N) | A | | B | | C | | D | | E | |
|------------------------------|----------------------------|-----------------------|--------------------------------------|--------------------------------------|---------------------------------|---------------|---------------|---------------|----------------|---------------|-----------|-----------|-----------|---|--|
| | | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | |
| TY533M 7TAG009520R0062 | TY33M 7TAG009520R0046 | #4 | 0.08 (2.0) | 0.63 (16) | 18 (80) | 3.6 (91) | 0.1 (2.5) | 0.15 (3.8) | 0.19 (4.8) | 0.04 (1.0) | | | | | |
| TY534M 7TAG009520R0064 | TY34M 7TAG009520R0049 | #8 | 0.08 (2.0) | 1.14 (29) | 40 (178) | 6.0 (152) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | | | | | |
| TY535M 7TAG009520R0068 | TY35M 7TAG009520R0053 | #10 | 0.138 (3.5) | 1.77 (45) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| — | TY1435M 7TAG009520R0045 | ¼ | 0.138 (3.5) | 1.77 (45) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| TY5354M 7TAG009520R0066 | TY354M 7TAG009520R0051 | #10 | 0.12 (3.0) | 4.0 (102) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| — | TY635M 7TAG009520R0074 | #6 | 0.12 (3.0) | 1.77 (45) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| — | TY635MX 7TAG009520R0075 | #6 | 0.12 (3.0) | 1.77 (45) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| TYF535M 7TCG009520R0077 | TYF35M 7TCG009520R0076 | #6 | 0.12 (3.0) | 1.77 (45) | 50 (222) | 7.3 (185) | 0.19 (4.8) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| TY537M 7TAG009520R0070 | TY37M 7TAG009520R0057 | ¼ | 0.236 (6.0) | 3.54 (90) | 120 (534) | 14.0 (356) | 0.30 (7.6) | 0.27 (6.9) | 0.51 (13.0) | 0.08 (2.0) | | | | | |
| TY533MX 7TAG009520R0063 | TY33MX 7TAG009520R0048 | #4 | 0.08 (2.0) | 0.63 (16) | 18 (80) | 3.6 (91) | 0.1 (2.5) | 0.15 (3.8) | 0.19 (4.8) | 0.04 (1.0) | | | | | |
| TY534MX 7TAG009520R0065 | TY34MX 7TAG009520R0050 | #8 | 0.08 (2.0) | 1.14 (29) | 40 (178) | 6.0 (152) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | | | | | |
| TY535MX 7TAG009520R0069 | TY35MX 7TAG009520R0056 | #10 | 0.138 (3.5) | 1.77 (45) | 50 (222) | 7.8 (198) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| TY5354MX 7TAG009520R0067 | TY354MX 7TAG009520R0052 | #10 | 0.12 (3.0) | 4.0 (102) | 50 (222) | 14.6 (371) | 0.18 (4.6) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| TY537MX 7TAG009520R0071 | TY37MX 7TAG009520R0060 | ¼ | 0.236 (6.0) | 3.54 (90) | 120 (534) | 14.0 (356) | 0.30 (7.6) | 0.27 (6.9) | 0.51 (13.0) | 0.08 (2.0) | | | | | |

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

Cable Tie, mounting
Push mount

Product selection

| Part no. standard GID no. | Part no. bulk GID no. | Mounting hole diameter inch (mm) | Min. Mounting diameter inch (mm) | Min. Bundle diameter inch (mm) | Max. Bundle diameter inch (mm) | Tensile strength lbs. (N) | A | | B | | C | | D | | E | |
|------------------------------|----------------------------|--|--|--------------------------------------|--------------------------------------|---------------------------------|--------------|---------------|---------------|---------------|---------------|-----------|-----------|-----------|---|--|
| | | | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | |
| TY554M 7TAG009530R0010 | TY54MX 7TAG009520R0048 | 3/16 or ¼ (4.8 or 6.4) | 0.09 (2.3) | 0.08 (2.0) | 1.13 (28.7) | 40 (178) | 6.0 (152) | 0.14 (3.6) | 0.25 (6.4) | 0.28 (7.1) | 0.04 (1.0) | | | | | |
| — | TY54SM 7TCG009460R0104 | 3/16 or ¼ (4.8 or 6.4) | 0.09 (2.3) | 0.08 (2.0) | 1.13 (28.7) | 30 (130) | 6.0 (152) | .14 (3.6) | 0.25 (6.4) | 0.28 (7.1) | 0.04 (1.0) | | | | | |
| — | TY54SMX 7TCG009460R0105 | 3/16 or ¼ (4.8 or 6.4) | 0.09 (2.3) | 0.08 (2.0) | 1.13 (28.7) | 30 (130) | 6.0 (152) | .14 (3.6) | 0.25 (6.4) | 0.28 (7.1) | 0.04 (1.0) | | | | | |
| TY538M 7TAG009530R000 | TY38M 7TAG009530R0005 | 3/16 or ¼ (4.8 or 6.4) | 0.04 - 0.16 (1.0 - 4.1) | 0.138 (3.5) | 1.75 (44.5) | 50 (222) | 7.3 (185) | 0.19 (4.8) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |
| — | TY38MX 7TAG009530R0006 | 3/16 or ¼ (4.8 or 6.4) | 0.04 - 0.16 (1.0 - 4.1) | 0.138 (3.5) | 1.75 (44.5) | 50 (222) | 7.3 (185) | 0.19 (4.8) | 0.22 (5.6) | 0.32 (8.1) | 0.04 (1.0) | | | | | |

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

tnb.abb.com (US/Latin America)
tnb.ca.abb.com (Canada)
abb.com

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 shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

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.