

TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Tie, intermediate 30lbs (134N) & 40lbs (178N)

TY24, TY242, TY26, and TY244 series natural, UV-resistant black, and colored ties

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:

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

Recommended Installation Tool:

- ERG50 / WT199 (MS90387-1)
 - Setting 3-5

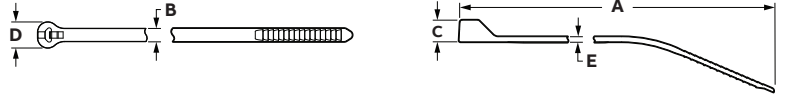
Conforms to:

- UL 62275 under File E49405
- Railway (-RW) ties conform to EN 45545-2

Materials:

- Body - Nylon 6,6

Cable ties
TY24 series



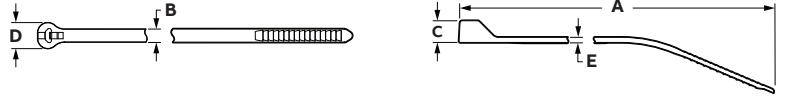
Product selection

| Part no. | Color | Min. bundle diameter inch (mm) | Max. bundle diameter inch (mm) | Tensile strength lbs. (N) | A | B | C | D | E | Min. Operating Temp. °F (°C) | Max. Operating Temp. °F (°C) | Min. Installation Temp. °F (°C) |
|---|---------------------|--------------------------------------|--------------------------------------|---------------------------------|--------------|---------------|---------------|---------------|---------------|------------------------------------|------------------------------------|---------------------------------------|
| | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | | |
| TY24M 7TAG009130R0007 | Natural | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY524M 7TAG009090R0006 | Natural | | | | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY524MR 7TCG009110R0026 | Natural | | | | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY524MR-0 MS-3367-5-0 7TCG009450R0171 | Milspec UV Black | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | 32 (0) |
| TY24MX-0 MS-3367-5-0 7TAG009120R0010 | Milspec UV Black | | | | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | 32 (0) |
| TY24MX 7TAG009130R0009 | UV Black | | | | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TYB24MX 7TCG009960R0069 | UV Black | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TY524MX 7TAG009090R0007 | UV Black | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TY24MX-RW* 7TCG009130R0010 | UV Black Railway | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TY524MXR 7TCG009450R0172 | UV Black | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TY524MXR-RW* 7TCG009130R0013 | UV Black Railway | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 221 (105) | -40 (-40) |
| TY24M-1 7TAG009160R0016 | Brown | 0.08 (2.0) | 1.38 (35.0) | 40 (178) | 5.4 (137) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY24M-2 7TAG009160R0017 | Red | | | | | | | | | | | |
| TY24M-3 7TAG009160R0018 | Orange | | | | | | | | | | | |
| TY24M-4 7TAG009160R0019 | Yellow | | | | | | | | | | | |
| TY24M-5 7TAG009160R0020 | Green | | | | | | | | | | | |
| TY24M-6 7TAG009160R0021 | Blue | | | | | | | | | | | |
| TY24M-7 7TAG009160R0022 | Purple | | | | | | | | | | | |
| TY24M-8 7TAG009160R0023 | Gray | | | | | | | | | | | |
| TY24M-9 MS3367-5-9 7TAG009160R0024 | Milspec Natural | | | | | | | | | | | |

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

*All certification marks may not apply.

Cable ties
TY242 series



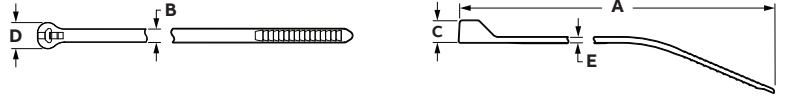
Product selection

| Part no. | Color | Min. bundle diameter inch (mm) | Max. bundle diameter inch (mm) | Tensile strength lbs. (N) | A | B | C | D | E | Min. Operating Temp. °F (°C) | Max. Operating Temp. °F (°C) | Min. Installation Temp. °F (°C) |
|----------------------------------|---------------------|--------------------------------------|--------------------------------------|---------------------------------|--------------|---------------|---------------|---------------|---------------|------------------------------------|------------------------------------|---------------------------------------|
| | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | | |
| TY242M 7TAG009160R0012 | Natural | 0.08 (2.0) | 2.01 (51) | 40 (178) | 8.2 (208) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY5242M 7TAG009090R0002 | Natural | | | | | | | | | | | |
| TY5242MR 7TCG009110R0021 | Natural | | | | | | | | | | | |
| TY242MX* 7TAG009130R0004 | UV Black | 0.08 (2.0) | 2.01 (51) | 40 (178) | 8.2 (208) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -76 (-60) | 185 (85) | -4 (-20) |
| TY5242MX* 7TAG009090R0002 | UV Black | | | | | | | | | | | |
| TY5242MXR 7TCG009110R0022 | UV Black | | | | | | | | | | | |
| TY5242MXR-RW* 7TCG009130R0014 | UV Black Railway | | | | | | | | | | | |
| TY242MX-RW* 7TCG009130R0011 | UV Black Railway | | | | | | | | | | | |
| TY242M-1 7TAG009000R0216 | Brown | 0.08 (2.0) | 2.01 (51) | 40 (178) | 8.2 (208) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -40 (-40) | 185 (85) | -40 (-40) |
| TY242M-2 7TAG009160R0005 | Red | | | | | | | | | | | |
| TY242M-3 7TAG009160R0006 | Orange | | | | | | | | | | | |
| TY242M-4 7TAG009160R0007 | Yellow | | | | | | | | | | | |
| TY242M-5 7TAG009160R0008 | Green | | | | | | | | | | | |
| TY242M-6 7TAG009160R0009 | Blue | | | | | | | | | | | |
| TY242M-7 7TAG009160R0010 | Purple | | | | | | | | | | | |
| TY242M-8 7TAG009160R0011 | Gray | | | | | | | | | | | |
| TY242M-9 7TAG009160R0012 | White | | | | | | | | | | | |

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

*All certification marks may not apply.

Cable ties
TY26 series



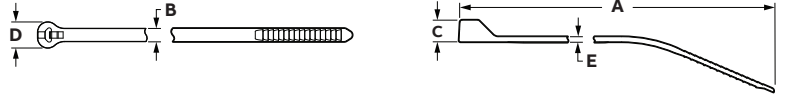
Product selection

| Part no. | Color | Min. bundle diameter inch (mm) | Max. bundle diameter inch (mm) | Tensile strength lbs. (N) | A | B | C | D | E | Min. Operating Temp. °F (°C) | Max. Operating Temp. °F (°C) | Min. Installation Temp. °F (°C) |
|----------------------------|---------------------|--------------------------------------|--------------------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|------------------------------------|------------------------------------|---------------------------------------|
| | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | | |
| TY26M 7TAG009120R0002 | Natural | 0.08 (2.0) | 2.99 (76) | 30 (134) | 10.9 (277) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -76 (-60) | 185 (85) | -4 (-20) |
| TY526M 7TAG009080R0001 | Natural | | | | | | | | | | | |
| TY526MR 7TCG009450R0177 | Natural | | | | | | | | | | | |
| TY26MX 7TAG009120R0004 | UV Black | 0.08 (2.0) | 2.99 (76) | 29 (130) | 10.9 (277) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -76 (-60) | 221 (105) | -22 (-30) |
| TY526MX 7TAG009080R0001 | UV Black | | | | | | | | | | | |
| TY26MX-RW* | UV Black Railway | | | | | | | | | | | |
| TY526MXR | UV Black | | | | | | | | | | | |
| TY526MXR-RW* | UV Black Railway | | | | | | | | | | | |
| TY26M-1 7TAG009000R0234 | Brown | 0.08 (2.0) | 2.99 (76) | 30 (134) | 10.9 (277) | 0.14 (3.6) | 0.18 (4.6) | 0.25 (6.4) | 0.04 (1.0) | -76 (-60) | 185 (85) | -4 (-20) |
| TY26M-2 7TAG009160R0025 | Red | | | | | | | | | | | |
| TY26M-3 7TAG009160R0026 | Orange | | | | | | | | | | | |
| TY26M-4 7TAG009160R0027 | Yellow | | | | | | | | | | | |
| TY26M-5 7TAG009160R0028 | Green | | | | | | | | | | | |
| TY26M-6 7TAG009160R0029 | Blue | | | | | | | | | | | |
| TY26M-7 7TAG009000R0235 | Purple | | | | | | | | | | | |
| TY26M-8 7TAG009160R0030 | Gray | | | | | | | | | | | |
| TY26M-9 7TAG009000R0236 | White | | | | | | | | | | | |

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

*All certification marks may not apply.

Cable ties
TY244 series



Product selection

| Part no. | Color | Min. bundle diameter inch (mm) | Max. bundle diameter inch (mm) | Tensile strength lbs. (N) | A | B | C | D | E | Min. Operating Temp. °F (°C) | Max. Operating Temp. °F (°C) | Min. Installation Temp. °F (°C) |
|----------------------------------|---------------------|--------------------------------------|--------------------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|------------------------------------|------------------------------------|---------------------------------------|
| | | | | | inch (mm) | inch (mm) | inch (mm) | inch (mm) | inch (mm) | | | |
| TY244M 7TCG009130R0005 | Natural | 0.08 (2.0) | 4.02 (102) | 30 (134) | 14.4 (366) | 0.14 (3.6) | 0.18 (4.6) | 0.26 (6.6) | 0.04 (1.0) | -76 (-60) | 185 (85) | -4 (-20) |
| TY5244MR 7TCG009110R0023 | Natural | | | | | | | | | | | |
| TY5244M 7TCG009090R0004 | Natural | | | | | | | | | | | |
| TY244MX 7TCG009130R0006 | UV Black | 0.08 (2.0) | 4.02 (102) | 29 (130) | 14.4 (366) | 0.14 (3.6) | 0.18 (4.6) | 0.26 (6.6) | 0.04 (1.0) | -76 (-60) | 221 (105) | -22 (-30) |
| TY5244MX 7TCG009090R0005 | UV Black | | | | | | | | | | | |
| TY5244MXR 7TCG009110R0025 | UV Black | | | | | | | | | | | |
| TY5244MXR-RW* 7TCG009130R0015 | UV Black Railway | | | | | | | | | | | |
| TY244MX-RW* 7TCG009130R0012 | UV Black Railway | | | | | | | | | | | |
| TY244M-2 7TCG009160R0013 | Red | 0.08 (2.0) | 4.02 (102) | 30 (134) | 14.4 (366) | 0.14 (3.6) | 0.18 (4.6) | 0.26 (6.6) | 0.04 (1.0) | -76 (-60) | 185 (85) | -4 (-20) |
| TY244M-4 7TCG009000R0220 | Yellow | | | | | | | | | | | |
| TY244M-6 7TCG009160R0014 | Blue | | | | | | | | | | | |
| TY244M-8 7TCG009160R0015 | Gray | | | | | | | | | | | |

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