

3M™ Cable Ties

Data Sheet

July 2017

Description 3M™ Cable Ties are molded from 6/6 nylon and are available in a variety of sizes and styles, including weather resistant black for outdoor use.

Agency Approvals & Self Certifications Products which are UL Listed as noted in the **Typical Data** section meet UL Standard 62275 for Cable Management Systems, TYPE 21 or TYPE 21S, and are suitable for use in Air Handling Spaces (plenums) in accordance with Section 300.22 of the National Electric Code. (Exception: 48 inch Heavy Duty not Listed for use in Air Handling Spaces)

Products which are identified as UL Listed and manufactured with a black, UV resistant material are Listed as suitable for use outdoors.

The Heavy Duty(175 lb.) cable ties are UL Listed 181B-C mechanical fasteners for use with flexible air ducts.

UL. File # E116841

For RoHS information, please visit www.3M.com/ROHS

Applications 3M™ Cable Ties are used to secure wire bundles and harness components quickly. The flexible design allows the user to slip ties easily under and around cables and harnesses. These ties can be used with most standard tensioning/cutoff tools for fast production line fastening.

Specifications **Open Specifications**
All ties must be UL. Listed, TYPE 21 or TYPE 21S, and tested to UL. Standard 62275 for Cable Management Systems.

Closed Specifications
Product must be 3M cable ties, UL. Listed, TYPE 21 or TYPE 21S, and tested to UL. Standard 62275 for Cable Management Systems.

Cable Tie Mounting Bases

3M™ Cable Tie Bases are molded from 6/6 nylon or ABS and available in natural, weather resistant black or ivory material. They are also available in different sizes and mounting abilities. The self-adhesive style is for simple lightweight mounting of wire bundles while the saddle design screw mount is designed for maximum weight and stability.

3M™ Cable Ties



Miniature Cable Ties (18lb, 80N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Operating Temp. | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|-----------------|------------------|--------------|--------------------|
| CT4BK18-C | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT4BK18-M | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 1000 | UV Resistant Black |
| CT4NT18-C | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 100 | Standard |
| CT4NT18-M | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 1000 | Standard |
| CT6BK18-C | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT6NT18-C | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | Standard |
| CT6NT18-M | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | Standard |
| CT8BK18-C | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT8BK18-M | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | UV Resistant Black |
| CT8NT18-C | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | Standard |
| CT8NT18-M | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | Standard |



Intermediate Cable Ties (40lb, 180N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT6BK40-C | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT6BK40-M | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT6NT40-C | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT6NT40-M | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |
| CT8BK40-C | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT8BK40-M | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT8NT40-C | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT8NT40-M | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |

3M™ Cable Ties



Standard Cable Ties (50lb, 220N) UL Listed TYPE 21S

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT8BK50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT8BK50-M | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT8NT50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT8NT50-M | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |
| CT8RD50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard Red |
| CT11BK50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT11BK50-D | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT11NT50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT11NT50-D | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | Standard |
| CT11RD50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard Red |
| CT15BK50-C | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT15BK50-D | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT15NT50-C | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT15NT50-D | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | Standard |



Light Heavy Duty Cable Ties (120lb, 530N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT8BK120-L | 9.0 (229) | .30 (7,6) | .06 (1,6) / 2.00 (50,8) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 50 | UV Resistant Black |
| CT8NT120-L | 9.0 (229) | .30 (7,6) | .06 (1,6) / 2.00 (50,8) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 50 | Standard |
| CT15BK120-C | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT15BK120-D | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT15NT120-C | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 100 | Standard |
| CT15NT120-D | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 500 | Standard |

3M™ Cable Ties



Heavy Duty Cable Ties (175lb, 800N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT24BK175-L | 24.0 (610) | .34 (8,6) | .19 (4,8) / 7.2 (183) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT24NT175-L | 24.0 (610) | .34 (8,6) | .19 (4,8) / 7.2 (183) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | Standard |
| CT36BK175-L | 36.0 (914) | .34 (8,6) | .19 (4,8) / 11.0 (279) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT36NT175-L | 36.0 (914) | .34 (8,6) | .19 (4,8) / 11.0 (279) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | Standard |
| CT48BK175-L | 47.9 (1217) | .36 (9,1) | .28 (7) / 14.3 (365) | 175 (800) | .07 (1,8) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT48NT175-L | 47.9 (1217) | .36 (9,1) | .28 (7) / 14.3 (365) | 175 (800) | .07 (1,8) | -40°C - 85°C | 0°C | 50 | Standard |



Screw Mount Ties 50lb UL Listed TYPE 21S 120lb UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min / Max Bundle Dia. in (mm) | Loop Tensile lb (N) | Thickness in (mm) | Temp. Rating | Mech. Tensile Lb (N) | Bag Quantity | Description |
|--------------|----------------|---------------|-------------------------------|---------------------|-------------------|--------------|----------------------|--------------|------------------------------|
| CT8BK50S-C | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 100 | UV Resistant Black # 10 stud |
| CT8BK50S-M | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 1000 | UV Resistant Black # 10 stud |
| CT8NT50S-C | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 100 | Mounting # 10 stud |
| CT8NT50S-M | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 1000 | Mounting # 10 stud |
| CT15BK50S-L | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 50 | UV Resistant Black # 10 stud |
| CT15BK50S-D | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 500 | UV Resistant Black # 10 stud |
| CT15NT50S-L | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 50 | Mounting #10 stud |
| CT15NT50S-D | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 500 | Mounting #10 stud |
| CT15NT120S-L | 15.7 (399) | .30 (7,6) | .19 (4,8) / 4.00 (102,0) | 120 (530) | .07 (1,8) | -40°C - 85°C | 18 (80) | 50 | Mounting #10 stud |
| CT15NT120S-D | 15.7 (399) | .30 (7,6) | .19 (4,8) / 4.00 (102,0) | 120 (530) | .07 (1,8) | -40°C - 85°C | 18 (80) | 500 | Mounting #10 stud |

3M™ Cable Ties

Mounting Bases

| Part Number | Dimensions LxWxH in (mm) | Slot Width in (mm) | Slot Height in (mm) | Color | Mount Type | Bag Quantity | Material |
|---------------|----------------------------|--------------------|---------------------|--------------------|----------------------|--------------|----------|
| CTB75X75NTA-C | .74x.74x.22 (19x19x5,6) | .21 (5,3) | .06 (1,5) | Natural | Foam Backed Adhesive | 100 | Nylon |
| CTB75X75BKA-C | .74x.74x.22 (19x19x5,6) | .21 (5,3) | .06 (1,5) | UV Resistant black | Foam Backed Adhesive | 100 | Nylon |
| CTB1X1NTA-C | .99x.99x.22 (25x25x5,8) | .21 (5,3) | .06 (1,5) | Natural | Foam Backed Adhesive | 100 | Nylon |
| CTB1X1BKA-C | .99x.99x.23 (25x25x5,8) | .21 (5,3) | .06 (1,5) | UV Resistant black | Foam Backed Adhesive | 100 | Nylon |
| CTB2X1BGA-C | 2.0x1.0x.35 (51x25x8,9) | .21 (5,3) | .18 (4,5) | Beige | Foam Backed Adhesive | 100 | ABS |
| CTB1X1BGA-C | 1.0x1.2x.15 (25x25x3,8) | .21 (5,3) | .06 (1,5) | Beige | Foam Backed Adhesive | 100 | ABS |
| CTB60X40NTS-C | .60x.41x.28 (15x10x7,0) | .21 (5,3) | .06 (1,5) | Natural | Screw Mount | 100 | Nylon |
| CTB87X62NTS-C | .87x.62x.38 (22x16x10) | .35 (8,9) | .10 (2,5) | Natural | Screw Mount | 100 | Nylon |

Availability

Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

Shelf Life & Storage

3M™ Cable Ties have a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

3M is a trademark of 3M Company.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability

This product will be free from defects in material and manufacture at the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any direct, indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



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78-8125-9860-1 Rev L

3M™ Cable Ties

Data Sheet

July 2017

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|--------------------|---|
| Description | 3M™ Cable Ties are molded from 6/6 nylon and are available in a variety of sizes and styles, including weather resistant black for outdoor use. |
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| Agency Approvals & Self Certifications | Products which are UL Listed as noted in the Typical Data section meet UL Standard 62275 for Cable Management Systems, TYPE 21 or TYPE 21S, and are suitable for use in Air Handling Spaces (plenums) in accordance with Section 300.22 of the National Electric Code. (Exception: 48 inch Heavy Duty not Listed for use in Air Handling Spaces) |
|---|---|

Products which are identified as UL Listed and manufactured with a black, UV resistant material are Listed as suitable for use outdoors.

The Heavy Duty(175 lb.) cable ties are UL Listed 181B-C mechanical fasteners for use with flexible air ducts.

UL. File # E116841

For RoHS information, please visit www.3M.com/ROHS

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|---------------------|---|
| Applications | 3M™ Cable Ties are used to secure wire bundles and harness components quickly. The flexible design allows the user to slip ties easily under and around cables and harnesses. These ties can be used with most standard tensioning/cutoff tools for fast production line fastening. |
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| Specifications | Open Specifications All ties must be UL. Listed, TYPE 21 or TYPE 21S, and tested to UL. Standard 62275 for Cable Management Systems. |
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Closed Specifications
Product must be 3M cable ties, UL. Listed, TYPE 21 or TYPE 21S, and tested to UL. Standard 62275 for Cable Management Systems.

Cable Tie Mounting Bases

3M™ Cable Tie Bases are molded from 6/6 nylon or ABS and available in natural, weather resistant black or ivory material. They are also available in different sizes and mounting abilities. The self-adhesive style is for simple lightweight mounting of wire bundles while the saddle design screw mount is designed for maximum weight and stability.

3M™ Cable Ties



Miniature Cable Ties (18lb, 80N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Operating Temp. | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|-----------------|------------------|--------------|--------------------|
| CT4BK18-C | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT4BK18-M | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 1000 | UV Resistant Black |
| CT4NT18-C | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 100 | Standard |
| CT4NT18-M | 4.1 (104) | .10 (3,0) | .062 (1,6) / .75 (19,1) | 18 (80) | .04 (1,0) | -40°C - 85°C | 0°C | 1000 | Standard |
| CT6BK18-C | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT6NT18-C | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | Standard |
| CT6NT18-M | 6.1 (155) | .10 (3,0) | .062 (1,6) / 1.25 (31,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | Standard |
| CT8BK18-C | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | UV Resistant Black |
| CT8BK18-M | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | UV Resistant Black |
| CT8NT18-C | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 100 | Standard |
| CT8NT18-M | 8.1 (206) | .10 (3,0) | .062 (1,6) / 2.00 (50,8) | 18 (80) | .05 (1,3) | -40°C - 85°C | 0°C | 1000 | Standard |



Intermediate Cable Ties (40lb, 180N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT6BK40-C | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT6BK40-M | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT6NT40-C | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT6NT40-M | 5.8 (147) | .14 (3,6) | .062 (1,6) / 1.25 (31,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |
| CT8BK40-C | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT8BK40-M | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT8NT40-C | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT8NT40-M | 8.9 (226) | .14 (3,6) | .062 (1,6) / 2.00 (50,8) | 40 (180) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |

3M™ Cable Ties



Standard Cable Ties (50lb, 220N) UL Listed TYPE 21S

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT8BK50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT8BK50-M | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | UV Resistant Black |
| CT8NT50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT8NT50-M | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 1000 | Standard |
| CT8RD50-C | 7.6 (193) | .18 (4,6) | .062 (1,6) / 1.87 (47,5) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard Red |
| CT11BK50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT11BK50-D | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT11NT50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT11NT50-D | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | Standard |
| CT11RD50-C | 11.1 (282) | .18 (4,6) | .062 (1,6) / 3.00 (76,2) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard Red |
| CT15BK50-C | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT15BK50-D | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT15NT50-C | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 100 | Standard |
| CT15NT50-D | 14.6 (371) | .18 (4,6) | .062 (1,6) / 4.00 (101,6) | 50 (220) | .05 (1,3) | -40°C - 85°C | -20°C | 500 | Standard |



Light Heavy Duty Cable Ties (120lb, 530N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT8BK120-L | 9.0 (229) | .30 (7,6) | .06 (1,6) / 2.00 (50,8) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 50 | UV Resistant Black |
| CT8NT120-L | 9.0 (229) | .30 (7,6) | .06 (1,6) / 2.00 (50,8) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 50 | Standard |
| CT15BK120-C | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 100 | UV Resistant Black |
| CT15BK120-D | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 500 | UV Resistant Black |
| CT15NT120-C | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 100 | Standard |
| CT15NT120-D | 15.0 (381) | .30 (7,6) | .19 (4,8) / 4.00 (101,6) | 120 (530) | .07 (1,8) | -40°C - 85°C | -20°C | 500 | Standard |

3M™ Cable Ties



Heavy Duty Cable Ties (175lb, 800N) UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min/Max Bundle Dia. in (mm) | Tensile lb (N) | Thickness in (mm) | Temp. Rating | Min Install Temp | Bag Quantity | Description |
|-------------|----------------|---------------|-----------------------------|----------------|-------------------|--------------|------------------|--------------|--------------------|
| CT24BK175-L | 24.0 (610) | .34 (8,6) | .19 (4,8) / 7.2 (183) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT24NT175-L | 24.0 (610) | .34 (8,6) | .19 (4,8) / 7.2 (183) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | Standard |
| CT36BK175-L | 36.0 (914) | .34 (8,6) | .19 (4,8) / 11.0 (279) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT36NT175-L | 36.0 (914) | .34 (8,6) | .19 (4,8) / 11.0 (279) | 175 (800) | .09 (2,3) | -40°C - 85°C | 0°C | 50 | Standard |
| CT48BK175-L | 47.9 (1217) | .36 (9,1) | .28 (7) / 14.3 (365) | 175 (800) | .07 (1,8) | -40°C - 85°C | 0°C | 50 | UV Resistant Black |
| CT48NT175-L | 47.9 (1217) | .36 (9,1) | .28 (7) / 14.3 (365) | 175 (800) | .07 (1,8) | -40°C - 85°C | 0°C | 50 | Standard |



Screw Mount Ties 50lb UL Listed TYPE 21S 120lb UL Listed TYPE 21

| Part Number | Length in (mm) | Width in (mm) | Min / Max Bundle Dia. in (mm) | Loop Tensile lb (N) | Thickness in (mm) | Temp. Rating | Mech. Tensile Lb (N) | Bag Quantity | Description |
|--------------|----------------|---------------|-------------------------------|---------------------|-------------------|--------------|----------------------|--------------|------------------------------|
| CT8BK50S-C | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 100 | UV Resistant Black # 10 stud |
| CT8BK50S-M | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 1000 | UV Resistant Black # 10 stud |
| CT8NT50S-C | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 100 | Mounting # 10 stud |
| CT8NT50S-M | 8.6 (218) | .18 (4,6) | .062 (1,6) / 2.00 (50,8) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 1000 | Mounting # 10 stud |
| CT15BK50S-L | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 50 | UV Resistant Black # 10 stud |
| CT15BK50S-D | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 500 | UV Resistant Black # 10 stud |
| CT15NT50S-L | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 50 | Mounting #10 stud |
| CT15NT50S-D | 15.1 (384) | .18 (4,6) | .062 (1,6) / 4.00 (102,0) | 50 (220) | .06 (1,5) | -40°C - 85°C | 50 (220) | 500 | Mounting #10 stud |
| CT15NT120S-L | 15.7 (399) | .30 (7,6) | .19 (4,8) / 4.00 (102,0) | 120 (530) | .07 (1,8) | -40°C - 85°C | 18 (80) | 50 | Mounting #10 stud |
| CT15NT120S-D | 15.7 (399) | .30 (7,6) | .19 (4,8) / 4.00 (102,0) | 120 (530) | .07 (1,8) | -40°C - 85°C | 18 (80) | 500 | Mounting #10 stud |

3M™ Cable Ties

Mounting Bases

| Part Number | Dimensions LxWxH in (mm) | Slot Width in (mm) | Slot Height in (mm) | Color | Mount Type | Bag Quantity | Material |
|---------------|----------------------------|--------------------|---------------------|--------------------|----------------------|--------------|----------|
| CTB75X75NTA-C | .74x.74x.22 (19x19x5,6) | .21 (5,3) | .06 (1,5) | Natural | Foam Backed Adhesive | 100 | Nylon |
| CTB75X75BKA-C | .74x.74x.22 (19x19x5,6) | .21 (5,3) | .06 (1,5) | UV Resistant black | Foam Backed Adhesive | 100 | Nylon |
| CTB1X1NTA-C | .99x.99x.22 (25x25x5,8) | .21 (5,3) | .06 (1,5) | Natural | Foam Backed Adhesive | 100 | Nylon |
| CTB1X1BKA-C | .99x.99x.23 (25x25x5,8) | .21 (5,3) | .06 (1,5) | UV Resistant black | Foam Backed Adhesive | 100 | Nylon |
| CTB2X1BGA-C | 2.0x1.0x.35 (51x25x8,9) | .21 (5,3) | .18 (4,5) | Beige | Foam Backed Adhesive | 100 | ABS |
| CTB1X1BGA-C | 1.0x1.2x.15 (25x25x3,8) | .21 (5,3) | .06 (1,5) | Beige | Foam Backed Adhesive | 100 | ABS |
| CTB60X40NTS-C | .60x.41x.28 (15x10x7,0) | .21 (5,3) | .06 (1,5) | Natural | Screw Mount | 100 | Nylon |
| CTB87X62NTS-C | .87x.62x.38 (22x16x10) | .35 (8,9) | .10 (2,5) | Natural | Screw Mount | 100 | Nylon |

Availability

Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

Shelf Life & Storage

3M™ Cable Ties have a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

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