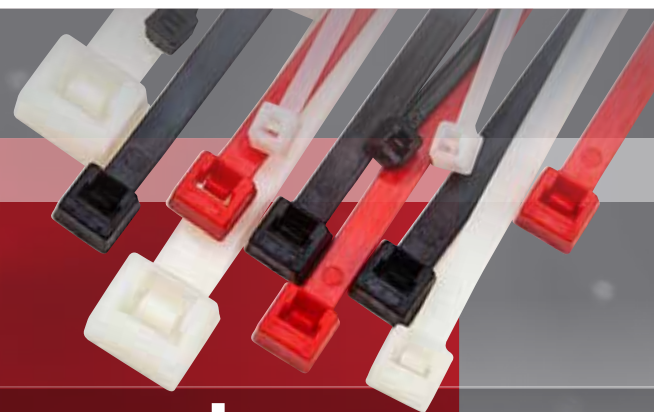


Electrical Markets
3M™ Cable Ties and Bases



Broad Solutions for Effective Fastening





A Broad Line of Cable Ties from 3M

Available in 8 industry-standard lengths to accommodate your needs:

- 4", 6", 8", 11", 15", 24", 36" and 48"

Available in 3 colors:

- Black (indoor/outdoor, UV-weather resistant)
- Natural (off white for indoor)
- Red (indoor)

Available in 5 tensile strength categories for light- to heavy-duty jobs

- Miniature: 18 pounds
- Intermediate: 30-40 lbs.
- Standard: 50 lbs.
- Light Heavy-Duty: 120 lbs.
- Heavy-Duty: 175 lbs.

Packaged in convenient quantities:

- Small bags of 50 or 100 ties
- Bulk bags of 500 or 1,000 ties

Mounting bases available in a variety of sizes and configurations

Available in plenum-rated materials

- Some cable ties from 3M meet National Electrical Code (NEC) Section 300.22 C/D standard (See product charts for specifications.)

Made to 3M quality standards

| | Standard Cable Ties | |
|--|---------------------|---------------------------------------|
| | Natural Nylon 6.6 | UV Weather-Resistant Black, Nylon 6.6 |
| UL 94 Flammability Rating | V-2 | V-2 |
| Colors | Natural Red | Black |
| Screw Mountable Options | X | X |
| UV Resistant (For Outdoor Use) | | X |
| UL Listed - ANSI/UL 62275^a | X | X |
| UL Listed 181B-C^b | 36" and 48" Only | 36" and 48" Only |
| Plenum Rated^c | X | X |
| Eu RoHS Compliant (2011/65/Eu) | X | X |
| Tensile: | | |
| Miniature (18 pounds) | X | X |
| Intermediate (30-40 lbs.) | X | X |
| Standard (50 lbs.) | X | X |
| Light Heavy Duty (120 lbs.) | X | X |
| Heavy Duty (175 lbs.) | X | X |

^a UL Listed 62275 for Positioning Devices. Excludes 48" Cable Ties which are UL Recognized.

^b UL Listed 181B-C mechanical fasteners for use with non-metallic air ducts and air connectors.

^c Suitable for use in Air Handling spaces (plenum) in accordance with the Section 300.22 (C) and (D) of the NEC.



Guide to product names for 3M™ Cable Ties

CT D C T X - P

Example:

CT8BK50-M

CT8BK50S-C

| CT | D | C | T | X | - | P |
|--|---|--|---|--|---|---|
| CT = Nylon Cable Ties CTB = Mounting Bases | D = Dimensions (inches) Ties = Length Bases = Length X Width | C = Color BK = Black NT = Natural RD = Red BG = Beige | T = Tensile (pounds) 18 = Miniature 40 = Intermediate 50 = Standard 120 = Light Heavy Duty 175 = Heavy Duty | X = Special Features _ = Standard Tie (Blank) S = Screw Mount A = Adhesive Mount | | P = Package Size (Roman Numeral) M = 1,000 D = 500 C = 100 L = 50 |

Note: Cable Tie Base Part Numbers do not include Tensile.

3M™ Standard Cable Ties

3M™ Cable Ties are made with high-quality 6/6 nylon and designed to secure wire bundles and harness components quickly, without slipping.

- Self-locking head
- Available in several strengths, lengths, and screw mount options
- Plenum rated (Suitable for use in air handling spaces in accordance with the Section 3000.22(C) and (D) of the National Electrical Code.
- Colors available in natural and red for indoor use and UV weather-resistant black for indoor and outdoor use.
- Curved tip allows for faster threading and installation
- Agency Approval: UL 62775 Type 2/21 (Unless noted otherwise as UL Recognized)
- RoHS 2011/65/EU: Yes

3M™ Standard Cable Ties - Natural Nylon 6.6

| Part Number | UPC | Length in (mm) | Width in (mm) | Thickness in (mm) | Max. Bundle Diameter in (mm) | Tensile lbf (N) | Min. Operating Temp °C (°F) | Max Operating Temp °C (°F) | Min. Installation Temp °C (°F) | Bag Qty. | Carton Qty. |
|---|----------------|----------------|---------------|-------------------|------------------------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------|-------------|
| Miniature Cable Ties (18 lb., 80 N) - Plenum rated | | | | | | | | | | | |
| CT4NT18-C | 051128-59275-5 | 4.1 (104) | 0.10 (3,0) | 0.04 (1,0) | 0.75 (19) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT4NT18-M | 051128-59276-2 | 4.1 (104) | 0.10 (3,0) | 0.04 (1,0) | 0.75 (19) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 1000 | 10000 |
| CT6NT18-C | 051128-59278-6 | 6.1 (155) | 0.10 (3,0) | 0.05 (1,3) | 1.25 (32) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT6NT18-M | 051128-59279-3 | 6.1 (155) | 0.10 (3,0) | 0.05 (1,3) | 1.25 (32) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 1000 | 10000 |
| CT8NT18-C | 051128-59282-3 | 8.1 (206) | 0.10 (3,0) | 0.05 (1,3) | 2.00 (51) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT8NT18-M | 051128-59283-0 | 8.1 (206) | 0.10 (3,0) | 0.05 (1,3) | 2.00 (51) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 1000 | 10000 |

3M™ Standard Cable Ties - Natural Nylon 6.6

| Part Number | UPC | Length in (mm) | Width in (mm) | Thickness in (mm) | Max. Bundle Diameter in (mm) | Tensile lbf (N) | Min. Operating Temp °C (°F) | Max Operating Temp °C (°F) | Min. Installation Temp °C (°F) | Bag Qty. | Carton Qty. |
|--|----------------|-------------------|------------------|----------------------|------------------------------------|--------------------|-----------------------------------|----------------------------------|--------------------------------------|-------------|----------------|
| Intermediate Cable Ties (30-40 lb., 135-180 N) - Plenum Rated | | | | | | | | | | | |
| CT6NT30-C | 051128-59286-1 | 5.8 (147) | 0.14 (3,6) | 0.05 (1,3) | 1.25 (32) | 30 (135) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT6NT30-M | 051128-59287-8 | 5.8 (147) | 0.14 (3,6) | 0.05 (1,3) | 1.25 (32) | 30(135) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| CT8NT40-C | 051128-59290-8 | 8.9 (226) | 0.14 (3,6) | 0.05 (1,3) | 2.00 (51) | 40 (180) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT8NT40-M | 051128-59291-5 | 8.9 (226) | 0.14 (3,6) | 0.05 (1,3) | 2.00 (51) | 40 (180) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| Standard Cable Ties (50 lb., 220 N) - Plenum Rated | | | | | | | | | | | |
| CT8NT50-C | 051128-59297-7 | 7.6 (193) | 0.18 (4,6) | 0.05 (1,3) | 1.87 (48) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT8NT50-M | 051128-59299-1 | 7.6 (193) | 0.18 (4,6) | 0.05 (1,3) | 1.87 (48) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| CT8RD50-C | 051128-59559-6 | 7.6 (193) | 0.18 (4,6) | 0.05 (1,3) | 1.87 (48) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT11NT50-C | 051128-59302-8 | 11.1 (282) | 0.18 (4,6) | 0.05 (1,3) | 3.00 (76) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT11NT50-D | 051128-59303-5 | 11.1 (282) | 0.18 (4,6) | 0.05 (1,3) | 3.00 (76) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 5000 |
| CT11RD50-C | 051128-59560-2 | 11.1 (282) | 0.18 (4,6) | 0.05 (1,3) | 3.00 (76) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT15NT50-C | 051128-59307-3 | 14.6 (371) | 0.18 (4,6) | 0.05 (1,3) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 500 |
| CT15NT50-D | 051128-59309-7 | 14.6 (371) | 0.18 (4,6) | 0.05 (1,3) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 2500 |
| Light Heavy Duty Ties (120 lb., 530 N) - Plenum Rated | | | | | | | | | | | |
| CT8NT120-L | 051128-59311-0 | 9 (229) | 0.30 (7,6) | 0.07 (1,8) | 2.00 (51) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 50 | 500 |
| CT15NT120-C | 051128-59315-8 | 15 (381) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 500 |
| CT15NT120-D | 051128-59317-2 | 15 (381) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 2500 |
| Heavy Duty Ties (175 lb., 800 N) | | | | | | | | | | | |
| CT24NT175-L ¹ | 051128-59319-6 | 24 (610) | 0.34 (8,6) | 0.09 (2,3) | 7.2 (183) | 175 (800) | 0 (32) | 85 (185) | 0 (32) | 50 | 500 |
| CT36NT175-L ^{1,2} | 051128-59321-9 | 36 (914) | 0.34 (8,6) | 0.09 (2,3) | 11.00 (279) | 175 (800) | 0 (32) | 85 (185) | 0 (32) | 50 | 500 |
| CT48NT175-L ² | 051128-59323-3 | 47.9 (1217) | 0.36 (9,1) | 0.07 (1,8) | 14.70 (373) | 175 (800) | - | 85 (185) | - | 50 | 500 |
| Screw Mountable¹ - Plenum Rated | | | | | | | | | | | |
| CT8NT50S-C | 051128-59296-0 | 8.6 (218) | 0.18 (4,6) | 0.06 (1,5) | 2.00 (51) | 50 (220) | -40 (-40) | 85 (185) | - | 100 | 1000 |
| CT8NT50S-M | 051128-59298-4 | 8.6 (218) | 0.18 (4,6) | 0.06 (1,5) | 2.00 (51) | 50 (220) | -40 (-40) | 85 (185) | - | 1000 | 10000 |
| CT15NT50S-L | 051128-59306-6 | 15.1 (384) | 0.18 (4,6) | 0.06 (1,5) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | - | 50 | 500 |
| CT15NT50S-D | 051128-59308-0 | 15.1 (384) | 0.18 (4,6) | 0.06 (1,5) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | - | 500 | 2500 |
| CT15NT120S-D ³ | 051128-59316-5 | 15.7 (399) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | - | 500 | 2500 |
| CT15NT120S-L | 051128-59314-1 | 15.7 (399) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | - | 50 | 500 |

¹ Suitable for use in air handling spaces (plenum)

² UL Recognized

³ UL Listing is pending at this time

3M™ Standard Cable Ties - Weather-Resistant Black Nylon 6.6

| Part Number | UPC | Length in (mm) | Width in (mm) | Thickness in (mm) | Max. Bundle Diameter in (mm) | Tensile lbf (N) | Min. Operating Temp °C (°F) | Max Operating Temp °C (°F) | Min. Installation Temp °C (°F) | Bag Qty. | Carton Qty. |
|--|----------------|----------------|---------------|-------------------|------------------------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------|-------------|
| Miniature Cable Ties (18 lb., 80 N) - Plenum Rated | | | | | | | | | | | |
| CT4BK18-C | 051128-59273-1 | 4.1 (104) | 0.10 (3,0) | 0.04 (1,0) | 0.75 (19) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT4BK18-M | 051128-59274-8 | 4.1 (104) | 0.10 (3,0) | 0.04 (1,0) | 0.75 (19) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 1000 | 10000 |
| CT6BK18-C | 051128-59277-9 | 6.1 (155) | 0.10 (3,0) | 0.05 (1,3) | 1.25 (32) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT8BK18-C | 051128-59280-9 | 8.1 (206) | 0.10 (3,0) | 0.05 (1,3) | 2.00 (51) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 100 | 1000 |
| CT8BK18-M | 051128-59281-6 | 8.1 (206) | 0.10 (3,0) | 0.05 (1,3) | 2.00 (51) | 18 (80) | -40 (-40) | 85 (185) | 0 (32) | 1000 | 10000 |
| Intermediate Cable Ties (30-40 lb., 135-180 N) - Plenum Rated | | | | | | | | | | | |
| CT6BK30-C | 051128-59284-7 | 5.8 (147) | 0.14 (3,6) | 0.05 (1,3) | 1.25 (32) | 30 (135) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT6BK30-M | 051128-59285-4 | 5.8 (147) | 0.14 (3,6) | 0.05 (1,3) | 1.25 (32) | 30 (135) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| CT8BK40-C | 051128-59288-5 | 8.9 (226) | 0.14 (3,6) | 0.05 (1,3) | 2.00 (51) | 40 (180) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT8BK40-M | 051128-59289-2 | 8.9 (226) | 0.14 (3,6) | 0.05 (1,3) | 2.00 (51) | 40 (180) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| Standard Cable Ties (50 lb., 220 N) - Plenum Rated | | | | | | | | | | | |
| CT8BK50-C | 051128-59293-9 | 7.6 (193) | 0.18 (4,6) | 0.05 (1,3) | 1.87 (48) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT8BK50-M | 051128-59294-6 | 7.6 (193) | 0.18 (4,6) | 0.05 (1,3) | 1.87 (48) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 1000 | 10000 |
| CT11BK50-C | 051128-59300-4 | 11.1 (282) | 0.18 (4,6) | 0.05 (1,3) | 3.00 (76) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 1000 |
| CT11BK50-D | 051128-59301-1 | 11.1 (282) | 0.18 (4,6) | 0.05 (1,3) | 3.00 (76) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 5000 |
| CT15BK50-C | 051128-59304-2 | 14.6 (371) | 0.18 (4,6) | 0.05 (1,3) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 500 |
| CT15BK50-D | 051128-59305-9 | 14.6 (371) | 0.18 (4,6) | 0.05 (1,3) | 4.00 (102) | 50 (220) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 2500 |
| Light Heavy Duty Ties (120 lb., 550 N) - Plenum Rated | | | | | | | | | | | |
| CT8BK120-L | 051128-59310-3 | 9 (229) | 0.30 (7,6) | 0.07 (1,8) | 2.00 (51) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 50 | 500 |
| CT15BK120-C | 051128-59312-7 | 15 (381) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 100 | 500 |
| CT15BK120-D | 051128-59313-4 | 15 (381) | 0.30 (7,6) | 0.07 (1,8) | 4.00 (102) | 120 (530) | -40 (-40) | 85 (185) | -20 (-4) | 500 | 2500 |
| Heavy Duty Ties (175 lb., 800 N) | | | | | | | | | | | |
| CT24BK175-L ¹ | 051128-59318-9 | 24 (610) | 0.34 (8,6) | 0.09 (2,3) | 7.20 (183) | 175 (800) | 0 (32) | 85 (185) | 0 (32) | 50 | 500 |
| CT36BK175-L ^{1,2} | 051128-59320-2 | 36 (914) | 0.34 (8,6) | 0.09 (2,3) | 11.00 (279) | 175 (800) | 0 (32) | 85 (185) | 0 (32) | 50 | 500 |
| CT48BK175-L ² | 051128-59322-6 | 47.9 (1217) | 0.36 (9,1) | 0.07 (1,8) | 14.70 (373) | 175 (800) | - | 85 (185) | - | 50 | 500 |
| Screw Mountable - Plenum Rated | | | | | | | | | | | |
| CT8BK50S-C | 051128-59292-2 | 8.6 (218) | 0.18 (4,6) | 0.06 (1,5) | 2.00 (51) | 50 (220) | -40 (-40) | 85 (185) | - | 100 | 1000 |
| CT8BK50S-M | 051128-59295-3 | 8.6 (218) | 0.18 (4,6) | 0.06 (1,5) | 2.00 (51) | 50 (220) | -40 (-40) | 85 (185) | - | 1000 | 10000 |

¹ Suitable for use in air handling spaces (plenum)

² UL Recognized

3M™ Standard Cable Ties - Assortment Pack

- Contains 15 each of natural nylon 6.6 ties: CT4NT18-, CT6NT30-, CT8NT50-, and CT11NT50-
- Contains 10 each of black, weather-resistant nylon 6.6 ties: CT4BK18-, CT6BK30-, CT8BK50-, and CT11BK50-

| Part Number | UPC | Length in (mm) | Width in (mm) | Thickness in (mm) | Max. Bundle Diameter in (mm) | Tensile lbf (N) | Min. Operating Temp °C (°F) | Max Operating Temp °C (°F) | Min. Installation Temp °C (°F) | Bag Qty. | Carton Qty. |
|-------------|----------------|----------------|---------------|-------------------|------------------------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------|-------------|
| CT06220 | 051128-59324-0 | varies | varies | varies | varies | varies | -40 (-40) | 85 (185) | varies | 100 | 1000 |

3M™ Mounting Bases

| Part Number | Dimensions L x W x H in (mm) | Slot Width in (mm) | Slot Height in (mm) | Color | Mount Type | Bag Qty. | Material |
|---------------|------------------------------------|--------------------|---------------------|--------------------|------------------------------------|----------|----------|
| CTB75X75NTA-C | .74 x .74 x .22 (19 x 19 x 5,6) | 0.21 (5,3) | .06 (1.5) | Natural | Foam Backed Adhesive | 100 | Nylon |
| CTB75X75BKA-C | .74 x .74 x .22 (19 x 19 x 5,6) | 0.21 (5,3) | .06 (1.5) | UV Resistant Black | Foam-Backed Adhesive | 100 | Nylon |
| CTB1X1NTA-C | .99 x .99 x .22 (25 x 25 x 5,6) | 0.21 (5,3) | .06 (1.5) | Natural | Foam-Backed Adhesive | 100 | Nylon |
| CTB1X1BKA-C | .99 x .99 x .23 (25 x 25 x 5,6) | 0.21 (5,3) | .06 (1.5) | UV Resistant Black | Foam-Backed Adhesive | 100 | Nylon |
| CTB2X1BGA-C | 2.0 x 1.0 x .35 (51 x 25 x 8,9) | 0.21 (5,3) | .18 (4,5) | Beige | Foam-Backed Adhesive | 100 | ABS |
| CTB1X1BGA-C | 1.0 x 1.2 x .15 (25 x 25 x 3,8) | 0.21 (5,3) | .06 (1,5) | Beige | Foam-Backed Adhesive (Screw Mount) | 100 | ABS |
| CTB60X41NTS-C | .60 x .41 x .28 (15 x 10 x 7,0) | 0.21 (5,3) | .06 (1,5) | Natural | Screw Mount | 100 | Nylon |
| CTB87X62NTS-C | .87 x .62 x .38 (22 x 16 x 10) | 0.35 (8,9) | .10 (2,5) | Natural | Screw Mount | 100 | Nylon |

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