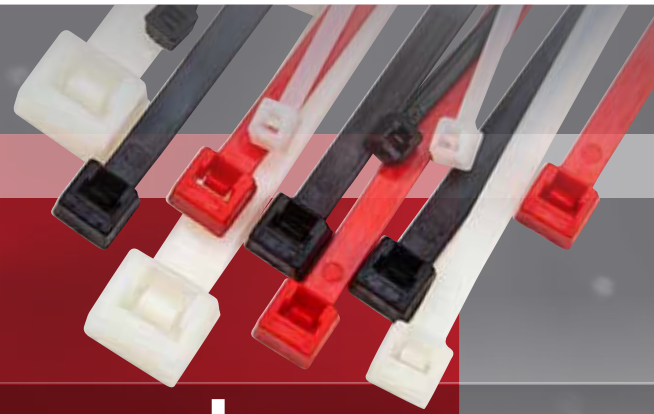


Electrical Markets  
3M™ Cable Ties and Bases



# Broad Solutions for Effective Fastening

**3M**



# 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
<b>UL 94 Flammability Rating</b>	V-2	V-2
<b>Colors</b>	Natural Red	Black
<b>Screw Mountable Options</b>	X	X
<b>UV Resistant (For Outdoor Use)</b>		X
<b>UL Listed - ANSI/UL 62275<sup>a</sup></b>	X	X
<b>UL Listed 181B-C<sup>b</sup></b>	36" and 48" Only	36" and 48" Only
<b>Plenum Rated<sup>c</sup></b>	X	X
<b>Eu RoHS Compliant (2011/65/Eu)</b>	X	X
<b>Tensile:</b>		
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

<sup>a</sup> UL Listed 62275 for Positioning Devices. Excludes 48" Cable Ties which are UL Recognized.

<sup>b</sup> UL Listed 181B-C mechanical fasteners for use with non-metallic air ducts and air connectors.

<sup>c</sup> 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
<b>CT = Nylon Cable Ties</b> CTB = Mounting Bases	<b>D = Dimensions (inches)</b> Ties = Length Bases = Length X Width	<b>C = Color</b> BK = Black NT = Natural RD = Red BG = Beige	<b>T = Tensile (pounds)</b> 18 = Miniature 40 = Intermediate 50 = Standard 120 = Light Heavy Duty 175 = Heavy Duty	<b>X = Special Features</b> _ = Standard Tie (Blank) S = Screw Mount A = Adhesive Mount		<b>P = Package Size</b> (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.
<b>Miniature Cable Ties (18 lb., 80 N) - Plenum rated</b>											
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.
<b>Intermediate Cable Ties (30-40 lb., 135-180 N) - Plenum Rated</b>											
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
<b>Standard Cable Ties (50 lb., 220 N) - Plenum Rated</b>											
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
<b>Light Heavy Duty Ties (120 lb., 530 N) - Plenum Rated</b>											
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
<b>Heavy Duty Ties (175 lb., 800 N)</b>											
CT24NT175-L <sup>1</sup>	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 <sup>1,2</sup>	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 <sup>2</sup>	051128-59323-3	47.9 (1217)	0.36 (9,1)	0.07 (1,8)	14.70 (373)	175 (800)	-	85 (185)	-	50	500
<b>Screw Mountable<sup>1</sup> - Plenum Rated</b>											
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 <sup>3</sup>	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

<sup>1</sup> Suitable for use in air handling spaces (plenum)

<sup>2</sup> UL Recognized

<sup>3</sup> 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.
<b>Miniature Cable Ties (18 lb., 80 N) - Plenum Rated</b>											
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
<b>Intermediate Cable Ties (30-40 lb., 135-180 N) - Plenum Rated</b>											
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
<b>Standard Cable Ties (50 lb., 220 N) - Plenum Rated</b>											
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
<b>Light Heavy Duty Ties (120 lb., 550 N) - Plenum Rated</b>											
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
<b>Heavy Duty Ties (175 lb., 800 N)</b>											
CT24BK175-L <sup>1</sup>	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 <sup>1,2</sup>	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 <sup>2</sup>	051128-59322-6	47.9 (1217)	0.36 (9,1)	0.07 (1,8)	14.70 (373)	175 (800)	-	85 (185)	-	50	500
<b>Screw Mountable - Plenum Rated</b>											
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

<sup>1</sup> Suitable for use in air handling spaces (plenum)

<sup>2</sup> 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