



Science.
Applied to Life.™



Electrical Markets 3M™ Cable Ties and Bases

**Broad solutions
for effective
fastening**



A full family of cable ties for easy, reliable fastening.

When you're working on complicated electrical equipment, cable management is critical. Keeping cables or wires under control is important not only for basic organization and ease-of-access for troubleshooting, but helps maintain functionality. 3M offers a full line of cable management solutions designed to fit your needs and help you stay organized.

Available in industry-standard lengths to accommodate your needs:

- 3M™ Standard Nylon Cable Ties: 4", 6", 8", 11", 15", 24", 36" and 48"
- 3M™ Steel Barb Cable Ties: 4", 6", 8", 11", 15", 18" and 28"

Available in 3 colors:

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

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

- Miniature: 18 lbs.
- Intermediate: 40 lbs.
- Standard: 50 lbs.
- Light Heavy Duty: 110-120 lbs.
- Heavy Duty: 175 lbs. (standard nylon ties only)

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

UL Listed 62275 Type 21 or 21S and Plenum Rated AH-2

3M™ Standard Nylon Cable Ties

3M™ Cable Ties are made with high-quality nylon 6/6 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 AH-2 for use in air handling spaces
- 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
- UL Listed 62275 Type 21 or 21S
- Made in the USA



3M™ Steel Barb Cable Ties

3M™ Steel Barb Cable Ties are made of high-quality nylon 6/6 and designed with a stainless-steel barb that, when engaged, presses into the strap and grips tight. The strap features a robust, ribbed pattern to help ensure your bundles stay intact, even in high-vibration environments. And unlike typical ratchet-style cable ties, the barb can be locked at any point along the strap – allowing for more precise positioning. Plus, the rectangular head design includes rounded corners and a curved tip for easy, fast installation with virtually no snagging – critical when working in extreme conditions.

- Fast, tough hold for industrial applications
- Infinite locking positions to secure wire or cable
- Head design helps prevent snagging for fast, easy installation
- Ribbed body helps prevent slippage in high-vibration environments
- Available in several strengths and lengths to cover your needs
- Colors available in natural for indoor use and UV weather-resistant black for indoor and outdoor use
- UL Listed 62275 Type 21 or 21S
- Plenum Rated AH-2 for use in air handling spaces



Guide to product names for 3M™ Cable Ties

CT D C T X - P

Examples: CT8BK50-M / CT8BK50S-C

CT	D	C	T	X	-	P
CT = Standard Nylon Cable Ties CTSB = Steel Barb 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 110-120 = 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 Nylon Cable Ties - Natural and Red Nylon 6/6

Part Number	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Maximum Bundle Diameter in (mm)	Minimum Operating Temp °C (°F)	Maximum Operating Temp °C (°F)	Min.imum Installation Temp °C (°F)	Bag Qty.	Carton Qty.
-------------	-----	----------------	---------------	-------------------	---------------------------------	--------------------------------	--------------------------------	------------------------------------	----------	-------------

Miniature Cable Ties (18 lb., 80 N)

CT4NT18-C	05112859275	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	-40 (-40)	85 (185)	0 (32)	100	1000
CT4NT18-M	05112859276	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	-40 (-40)	85 (185)	0 (32)	1000	10000
CT6NT18-C	05112859278	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	0 (32)	100	1000
CT6NT18-M	05112859279	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	0 (32)	1000	10000
CT8NT18-C	05112859282	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	0 (32)	100	1000
CT8NT18-M	05112859283	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	0 (32)	1000	10000

Intermediate Cable Ties (40 lb., 180 N)

CT6NT40-C	05112859286	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT6NT40-M	05112859287	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT8NT40-C	05112859290	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8NT40-M	05112859291	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	1000	10000

Standard Cable Ties (50 lb., 220 N)

CT8NT50-C	05112859297	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8NT50-M	05112859299	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT8RD50-C	05112859559	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT11NT50-C	05112859302	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT11NT50-D	05112859303	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	-40 (-40)	85 (185)	-20 (-4)	500	5000
CT11RD50-C	05112859560	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT15NT50-C	05112859307	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	100	500
CT15NT50-D	05112859309	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500

Light Heavy-Duty Ties (120 lb., 530 N)

CT8NT120-L	05112859311	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	50	500
CT15NT120-C	05112859315	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	100	500
CT15NT120-D	05112859317	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500

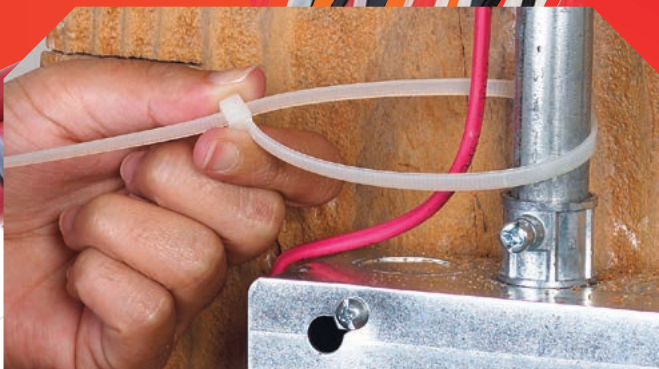
Heavy-Duty Ties (175 lb., 800 N)

CT24NT175-L	05112859319	24 (610)	0.34 (8,6)	0.09 (2,3)	7.2 (183)	0 (32)	85 (185)	0 (32)	50	500
CT36NT175-L	05112859321	36 (914)	0.34 (8,6)	0.09 (2,3)	11.00 (279)	0 (32)	85 (185)	0 (32)	50	500
CT48NT175-L	63806029045	47.9 (1217)	0.36 (9,1)	0.07 (1,8)	14.30 (365)	-40 (-40)	85 (185)	0 (32)	50	500

Screw Mountable

CT8NT50S-C	05112859296	8.6 (218)	0.18 (4,6)	0.06 (1,5)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8NT50S-M	05112859298	8.6 (218)	0.18 (4,6)	0.06 (1,5)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT15NT50S-L	05112859306	15.1 (384)	0.18 (4,6)	0.06 (1,5)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	50	500
CT15NT50S-D	05112859308	15.1 (384)	0.18 (4,6)	0.06 (1,5)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500
CT15NT120S-D	05112859316	15.7 (399)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500
CT15NT120S-L	05112859314	15.7 (399)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	50	500

3M™ Standard Nylon Cable Ties



3M™ Standard Nylon Cable Ties - Weather-Resistant Black Nylon 6/6

Part Number	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Maximum Bundle Diameter in (mm)	Minimum Operating Temp °C (°F)	Maximum Operating Temp °C (°F)	Minimum Installation Temp °C (°F)	Bag Qty.	Carton Qty.
-------------	-----	----------------	---------------	-------------------	---------------------------------	--------------------------------	--------------------------------	-----------------------------------	----------	-------------

Miniature Cable Ties (18 lb., 80 N)

CT4BK18-C	05112859273	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	-40 (-40)	85 (185)	0 (32)	100	1000
CT4BK18-M	05112859274	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	-40 (-40)	85 (185)	0 (32)	1000	10000
CT6BK18-C	05112859277	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	0 (32)	100	1000
CT8BK18-C	05112859280	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	0 (32)	100	1000
CT8BK18-M	05112859281	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	0 (32)	1000	10000

Intermediate Cable Ties (40 lb., 180 N)

CT6BK40-C	05112859284	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT6BK40-M	05112859285	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT8BK40-C	05112859288	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8BK40-M	05112859289	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	1000	10000

Standard Cable Ties (50 lb., 220 N)

CT8BK50-C	05112859293	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8BK50-M	05112859294	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT11BK50-C	05112859300	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT11BK50-D	05112859301	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	-40 (-40)	85 (185)	-20 (-4)	500	5000
CT15BK50-C	05112859304	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	100	500
CT15BK50-D	05112859305	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500

Light Heavy-Duty Ties (120 lb., 550 N)

CT8BK120-L	05112859310	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	50	500
CT15BK120-C	05112859312	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	100	500
CT15BK120-D	05112859313	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	500	2500

Heavy-Duty Ties (175 lb., 800 N)

CT24BK175-L	05112859318	24 (610)	0.34 (8,6)	0.09 (2,3)	7.20 (183)	0 (32)	85 (185)	0 (32)	50	500
CT36BK175-L	05112859320	36 (914)	0.34 (8,6)	0.09 (2,3)	11.00 (279)	0 (32)	85 (185)	0 (32)	50	500
CT48BK175-L	63806029036	47.9 (1217)	0.36 (9,1)	0.07 (1,8)	14.30 (365)	-40 (-40)	85 (185)	0 (32)	50	500

Screw Mountable

CT8BK50S-C	05112859292	8.6 (218)	0.18 (4,6)	0.06 (1,5)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	100	1000
CT8BK50S-M	05112859295	8.6 (218)	0.18 (4,6)	0.06 (1,5)	2.00 (51)	-40 (-40)	85 (185)	-20 (-4)	1000	10000
CT15BK50S-L	05112861217	15.1 (384)	0.18 (4,6)	0.06 (1,5)	4.00 (102)	-40 (-40)	85 (185)	-20 (-4)	50	500

3M™ Steel Barb Cable Ties



3M™ Steel Barb Cable Ties - UV-Resistant Black

Part Number	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Maximum Bundle Diameter in (mm)	Minimum Operating Temp °C (°F)	Maximum Operating Temp °C (°F)	Minimum Installation Temp °C (°F)	Bag Qty.	Carton Qty.
Steel Barb Cable Ties (18 lb.)										
CTSB4BK18-C	07630892579	4 (102)	.09 (2,4)	.04 (1,0)	.90 (23)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB8BK18-C	07630892583	7.9 (201)	.09 (2,4)	.04 (1,0)	2.00 (51)	-40 (-40)	85 (185)	-40 (-40)	100	1000
Steel Barb Cable Ties (40 lb.)										
CTSB6BK40-C	07630892581	6.1 (155)	.14 (3,6)	.05 (1,3)	1.37 (35)	-40 (-40)	85 (185)	-40 (-40)	100	1000
Steel Barb Cable Ties (50 lb.)										
CTSB8BK50-C	07630892585	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB8BK50-M	07630892587	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
CTSB11BK50-C	07630892589	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB11BK50-M	07630892591	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
CTSB15BK50-C	07630892593	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	-40 (-40)	85 (185)	-40 (-40)	100	500
CTSB15BK50-M	07630892595	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
Steel Barb Cable Ties (110 lb.)										
CTSB28BK110-L	07630892602	27.5 (699)	.28 (7,0)	.06 (1,6)	7.99 (203)	-40 (-40)	85 (185)	-40 (-40)	50	500
Steel Barb Cable Ties (120 lb.)										
CTSB15BK120-L	07630892597	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	-40 (-40)	85 (185)	-40 (-40)	50	500
CTSB15BK120-D	07630892599	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	-40 (-40)	85 (185)	-40 (-40)	500	2500
CTSB18BK120-L	07630892600	17.7 (450)	.39 (10,0)	.07 (1,7)	4.88 (124)	-40 (-40)	85 (185)	-40 (-40)	50	500

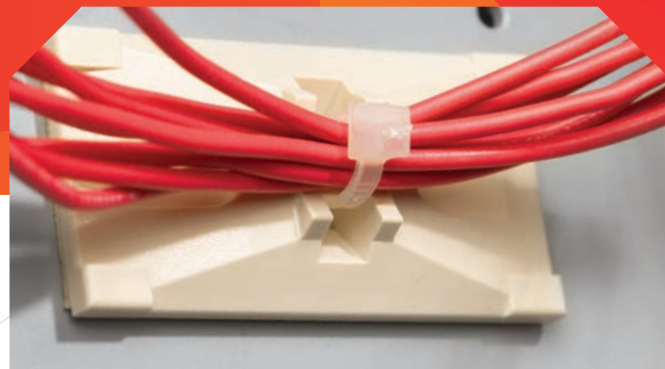
3M™ Steel Barb Cable Ties - Natural

Part Number	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Maximum Bundle Diameter in (mm)	Minimum Operating Temp °C (°F)	Maximum Operating Temp °C (°F)	Minimum Installation Temp °C (°F)	Bag Qty.	Carton Qty.
Steel Barb Cable Ties (18 lb.)										
CTSB4NT18-C	07630892578	4.0 (102)	.09 (2,4)	.04 (1,0)	.90 (23)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB8NT18-C	07630892582	7.9 (201)	.09 (2,4)	.04 (1,0)	2.00 (51)	-40 (-40)	85 (185)	-40 (-40)	100	1000
Steel Barb Cable Ties (40 lb.)										
CTSB6NT40-C	07630892580	6.1 (155)	.14 (3,6)	.05 (1,3)	1.37 (35)	-40 (-40)	85 (185)	-40 (-40)	100	1000
Steel Barb Cable Ties (50 lb.)										
CTSB8NT50-C	07630892584	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB8NT50-M	07630892586	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
CTSB11NT50-C	07630892588	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	-40 (-40)	85 (185)	-40 (-40)	100	1000
CTSB11NT50-M	07630892590	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
CTSB15NT50-C	07630892592	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	-40 (-40)	85 (185)	-40 (-40)	100	500
CTSB15NT50-M	07630892594	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	-40 (-40)	85 (185)	-40 (-40)	1000	5000
Steel Barb Cable Ties (110 lb.)										
CTSB28NT110-L	07630892603	27.5 (699)	.28 (7,0)	.06 (1,6)	7.99 (203)	-40 (-40)	85 (185)	-40 (-40)	50	500
Steel Barb Cable Ties (120 lb.)										
CTSB15NT120-L	07630892596	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	-40 (-40)	85 (185)	-40 (-40)	50	500
CTSB15NT120-D	07630892598	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	-40 (-40)	85 (185)	-40 (-40)	500	2500
CTSB18NT120-L	07630892601	17.7 (450)	.39 (10,0)	.07 (1,7)	4.88 (124)	-40 (-40)	85 (185)	-40 (-40)	50	500

3M™ Cable Ties – Assortment Pack



3M™ Mounting Bases



3M™ Cable Ties - Assortment Pack

Part Number	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Maximum Bundle Diameter in (mm)	Minimum Operating Temp °C (°F)	Maximum Operating Temp °C (°F)	Minimum Installation Temp °C (°F)	Bag Qty.	Carton Qty.
CT06220	05112859324	Varies	Varies	Varies	Varies	-40 (-40)	85 (185)	Varies	100	1000
CTSB-SAMPLE	07630892619	Varies	Varies	Varies	Varies	-40 (-40)	85 (185)	-40 (-40)	35	700

- CT06220 contains 15 each of natural nylon 6/6 ties: CT4NT18-, CT6NT40-, CT8NT50-, and CT11NT50- and 10 each of black, weather-resistant nylon 6/6 ties: CT4BK18-, CT6BK40-, CT8BK50-, and CT11BK50-
- CTSB-SAMPLE contains 5 each of CTSB4BK18-, CTSB6NT40-, CTSB8NT18-, CTSB8BK50-, CTSB11NT50-, CTSB11BK50- and CTSB15BK120-

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
 CTB1X1INTA-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
 CTB60X41INTS-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



3M is a trademark of 3M Company.

This brochure is strictly an informational guide, is subject to change at any time, and is not a valid legal representation of origin for government contract purposes. To obtain certifications, contact 3M Customer Service at 800 245 3573. If this publication is more than one year old, please contact Customer Service to request the latest revision of this brochure.

Important Notice: 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.

Warranty; Limited Remedy; Limited Liability. 3M's product warranty is stated in its Product Literature available upon request. **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.**



Electrical Markets Division
Austin, TX
Web: www.3M.com/electrical

3M is a trademark
of 3M Company.
© 3M 2019 HB14742
All rights reserved.
80-6016-0891-4