

3M™ Cable Ties

Data Sheet

June 2019

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.

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 and REACH information, please visit www.3M.com/regs

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



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 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
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