

# 3M™ Screw Mount Cable Ties

Data Sheet

March 2026

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**Description** 3M™ Nylon Screw Mount Cable Ties are molded from 6/6 nylon and are available for stud #10 and in a variety of sizes and styles, including weather resistant black for outdoor use.

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**Agency Approvals & Self-Certifications** Screw Mount cable ties are UL Listed 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.

UL. File # E116841

For RoHS and REACH information, please visit [www.3M.com/regs](http://www.3M.com/regs)

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**Applications** 3M™ Screw Mount Cable Ties are used to secure wire bundles and harness components quickly on racks, electrical cabinets and panels, wood walls and frames and metallic structures. The flexible design allows the user to slip ties easily under and around cables and harnesses and can be quickly mounted with screws, bolts or rivets for added security. These ties can be used with most standard tensioning/cutoff tools for fast production line fastening.

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**Specifications** **Open Specifications**  
All screw mounting 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 screw mount**

3M™ Cable Tie Bases are molded from 6/6 nylon and available in natural, and weather resistant black in 8 and 15 inches long. The saddle design screw mount is designed for maximum weight and stability with stud #10. CT15NT120S-L is classified as supporting fixing device type 21S.

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**Note:** This product is made from nylon which is a hygroscopic material that may have decreased performance when exposed to extreme humidity levels. Follow the recommended storage conditions regarding the use of a humidity-controlled storage area.

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## Technical Specification

- **Material** 6/6 nylon
  - **Temperature rating** -40°C - 85°C (-40°F - 185°F)
  - **Minimum installation temperature** 20°C (-4°F)
  - **UL classification**
    - 50LB (220N) tensile strength - Fixing device
    - 120lb (530N) tensile strength - Supporting fixing device
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## Screw Mount Ties Natural

Part Number	Length in (mm)	Width in (mm)	Min bundle Dia. in (mm)	Max Bundle Dia. in (mm)	Loop Tensile lb. (N)	Mechanical Strength LBS(N)	Thickness in (mm)	Bag Quantity
CT8NT50S-C	8 (203.2)	.177 (4.49)	.187 (4.76)	1.87(47.6)	50 (220)	30 (135)	0.052 (1.32)	100
CT15NT50S-L	14.5 (368.3)	.177 (4.49)	.187 (4.76)	4.0 (101.6)	50 (220)	30 (135)	0.06 (1.5)	50
CT15NT120S-L*	15.75 (400.1)	.30 (7,6)	0.25 (6.35)	4.06(103.1)	120 (530)	60 (267)	0.07 (1.8)	50

## Screw Mount Ties Black

Part number	Length in (mm)	Width in (mm)	Min Bundle Dia. in (mm)	Max Bundle Dia. in (mm)	Loop Tensile lb (N)	Mechanical Strength LBS(N)	Thickness in (mm)	Bag Quantity
CT8BK50S-C	8 (203.2)	.177 (4.49)	.187 (4.76)	1.87(47.6)	50 (220)	30 (135)	.052 (1.32)	100
CT15BK50S-L	14.5 (368.3)	.177 (4.49)	.187 (4.76)	4.0 (101.6)	50 (220)	30 (135)	.06 (1.52)	50

## 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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## Availability

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

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TDS-1192766 Rev A