

3M Cable Ties



Data Sheet

Product Description

3M™ Cable Ties are molded from 6/6 Nylon and are available in a variety of sizes, styles and colors including weather resistant black for outdoor use.

Agency Listings

Products with the UR symbol noted in the **Typical Data** section meet UL Standard 1565 for Wire Positioning Devices. UL File #E116841.

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. The bend of the tail makes it easier to grasp, position and insert into the head. 3M Cable Ties can be used with most standard tensioning/cutoff tools for fast production line fastening

Open Specification

All Ties must be UL Recognized and tested to UL Standard 1565 for Wire Positioning Devices.

Closed Specification

Product must be 3M Cable Ties, UL Recognized and tested to UL Standard 1565 for Wire Positioning Devices. UL File Number E116841.

Specialty Ties

Low Profile Ties – Low profile Cable Ties feature a streamlined head for space and snag reduction.

Mounting Ties – Features a mounting hole that allows the bundle to be attached to a surface with a screw.

Identification Ties – Allows the user to tie and identify bundles of cable in one operation. The tag area on the surface may either be imprinted or written on with a marking pen.

Stainless Steel Ties – Manufactured with 316 Stainless Steel designed for use in extreme environments where weather, salt, or excessive vibration exists.

Releasable Ties – Ties remain securely locked until intentionally released for wire removal or additions using the finger catch.

Accessories

Cable Tie Mounting Bases:

3M Cable Tie Bases are molded from 6/6 nylon and ABS available in natural or weather-resistant black 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.

Typical Data (con't)

Part Number	Color	Length inch/mm	Width inch/mm	Max Bundle Dia. inch/mm	Tensile lb./kg	Temperature Flammability Rating	Bag Quantity	Thickness	Description
Releasable Cable Ties									
53188	Natural	5.9 / 150	.19 / 4.7	1.5 / 38	50 / 22	85C 94V-2	100	.05 / 1.2	Releasable
53189	Natural	7.9 / 200	.31 / 8.0	1.9 / 48	50 / 22	85C 94V-2	100	.05 / 1.3	Releasable
53190	Natural	11.8 / 300	.31 / 8.0	3.2 / 80	50 / 22	85C 94V-2	100	.06 / 1.6	Releasable

Stainless Steel Cable Ties

53191	S / S	7.9 / 200	.18 / 4.6	1.9 / 48	100 / 45	538C	100	.01 / .26	Stainless Steel
53192	S / S	14.2 / 360	.18 / 4.6	4.1 / 104	100 / 45	538C	100	.01 / .26	Stainless Steel

Low Profile Cable Ties



53429	Natural	7.5 / 1.90	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	100	.05 / 1.4	Low Profile
53430	Black	7.5 / 1.90	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	100	.05 / 1.4	Low Profile
53431	Natural	7.5 / 1.90	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	1000	.05 / 1.4	Low Profile
53432	Black	7.5 / 1.90	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	1000	.05 / 1.4	Low Profile

Part Number	Dimensions LxWxH inch/mm	Cable Tie Size	Color	Mount Type	Bag Quantity	Material
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Mounting Bases:

06294	Natural	.74 x .74 x .19 19 x 19 x 4.8	Miniature Intermediate	Foam Backed Adhesive	100	Nylon
06295	Black	.74 x .74 x .19 19 x 19 x 4.8	Miniature Intermediate	Foam Backed Adhesive	100	Nylon
06296	Natural	.99 x .99 x .20 25 x 25 x 5.0	Miniature Intermediate Standard	Foam Backed Adhesive	100	Nylon
06297	Black	.99 x .99 x .20 25 x 25 x 5.0	Miniature Intermediate Standard	Foam Backed Adhesive	100	Nylon
06290	Ivory	1.0 x 2.0 x .32 25 x 51 x 8.0	Miniature Intermediate Standard	Foam Backed Adhesive	100	ABS
06291	Ivory	1.0 x 1.0 x .32 25 x 51 x 8.0	Miniature Intermediate Standard	Foam Backed Adhesive	250	ABS
06292	Ivory	1.0 x 1.0 x .12 25 x 25 x 2.9	Miniature Intermediate Standard	Foam Backed Adhesive Screw Mount	100	ABS
06293	Ivory	1.0 x 1.0 x .12 25 x 25 x 2.9	Miniature Intermediate Standard	Foam Backed Adhesive Screw Mount	250	ABS
06298	Natural	.59 x .39 x .28 15 x 10 x 7.0	Miniature Intermediate Standard	Screw Mount	100	Nylon
06299	Natural	.91 x .63 x .35 23 x 16 x 9.0	Miniature Intermediate Standard Heavy Duty Extra Heavy Duty	Screw Mount	100	Nylon