

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

Part Number	Color	Length inch/mm	Width inch/mm	Max Bundle Dia. inch/mm	Tensile lb./kg	Temperature Flammability Rating	Bag Quantity	Thickness	Description
Miniature Cable Ties									
53193	Red	3.9 / 100	.10 / 2.5	1.0 / 25	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
53194	Orange	3.9 / 100	.10 / 2.5	1.0 / 25	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
53185	Yellow	3.9 / 100	.10 / 2.5	1.0 / 25	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
53196	Green	3.9 / 100	.10 / 2.5	1.0 / 25	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
53197	Blue	3.9 / 100	.10 / 2.5	1.0 / 25	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
06224	Natural	4.0 / 102	.10 / 2.5	.8 / 20	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
06248	Natural	4.0 / 102	.10 / 2.5	.8 / 20	18 / 8	85C 94V-2	1000	.04 / 1.1	Standard
06200	Black	4.0 / 102	.10 / 2.5	.8 / 20	18 / 8	85C 94V-2	100	.04 / 1.1	Standard
06270	Black	4.0 / 102	.10 / 2.5	.8 / 20	18 / 8	85C 94V-2	1000	.04 / 1.1	Standard
53168	Natural	6.5 / 165	.10 / 2.5	1.7 / 43	18 / 8	85C 94V-2	100	.05 / 1.2	Standard
53219	Natural	6.5 / 165	.10 / 2.5	1.7 / 43	18 / 8	85C 94V-2	1000	.05 / 1.2	Standard
53169	Black	6.5 / 165	.10 / 2.5	1.7 / 43	18 / 8	85C 94V-2	100	.05 / 1.2	Standard
53220	Black	6.5 / 165	.10 / 2.5	1.7 / 43	18 / 8	85C 94V-2	1000	.05 / 1.2	Standard
53172	Natural	8.0 / 203	.10 / 2.5	2.2 / 56	18 / 8	85C 94V-2	100	.05 / 1.3	Standard
53223	Natural	8.0 / 203	.10 / 2.5	2.2 / 56	18 / 8	85C 94V-2	1000	.05 / 1.3	Standard
53173	Black	8.0 / 203	.10 / 2.5	2.2 / 56	18 / 8	85C 94V-2	100	.05 / 1.3	Standard
53224	Black	8.0 / 203	.10 / 2.5	2.2 / 56	18 / 8	85C 94V-2	1000	.05 / 1.3	Standard

Intermediate Cable Ties

									
06225	Natural	5.7 / 144	.14 / 3.6	1.4 / 36	40 / 18	85C 94V-2	100	.05 / 1.2	Standard
06249	Natural	5.7 / 144	.14 / 3.6	1.4 / 36	40 / 18	85C 94V-2	1000	.05 / 1.2	Standard
06201	Black	5.7 / 144	.14 / 3.6	1.4 / 36	40 / 18	85C 94V-2	100	.05 / 1.2	Standard
06271	Black	5.7 / 144	.14 / 3.6	1.4 / 36	40 / 18	85C 94V-2	1000	.05 / 1.2	Standard
53174	Natural	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53225	Natural	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	1000	.05 / 1.3	Standard
53175	Black	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53226	Black	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	1000	.05 / 1.3	Standard
53198	Red	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53199	Orange	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53200	Yellow	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53201	Green	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard
53202	Blue	8.0 / 203	.14 / 3.6	2.2 / 56	40 / 18	85C 94V-2	100	.05 / 1.3	Standard