

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
Standard Cable Ties									
06226	Natural	7.5 / 190	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06250	Natural	7.5 / 190	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	1000	.05 / 1.4	Standard
06202	Black	7.5 / 190	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06272	Black	7.5 / 190	.18 / 4.5	1.9 / 48	50 / 22	85C 94V-2	1000	.05 / 1.4	Standard
06227	Natural	11.3 / 286	.18 / 4.6	3.1 / 79	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06251	Natural	11.3 / 286	.18 / 4.6	3.1 / 79	50 / 22	85C 94V-2	1000	.05 / 1.4	Standard
06203	Black	11.3 / 286	.18 / 4.6	3.1 / 79	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06273	Black	11.3 / 286	.18 / 4.6	3.1 / 79	50 / 22	85C 94V-2	1000	.05 / 1.4	Standard
53203	Red	12.2 / 310	.18 / 4.6	3.3 / 84	50 / 22	85C 94V-2	100	.06 / 1.5	Standard
53204	Orange	12.2 / 310	.18 / 4.6	3.3 / 84	50 / 22	85C 94V-2	100	.06 / 1.5	Standard
53205	Yellow	12.2 / 310	.18 / 4.6	3.3 / 84	50 / 22	85C 94V-2	100	.06 / 1.5	Standard
53206	Green	12.2 / 310	.18 / 4.6	3.3 / 84	50 / 22	85C 94V-2	100	.06 / 1.5	Standard
53207	Blue	12.2 / 310	.18 / 4.6	3.3 / 84	50 / 22	85C 94V-2	100	.06 / 1.5	Standard
06228	Natural	14.5 / 368	.18 / 4.6	4.1 / 104	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06252	Natural	14.5 / 368	.18 / 4.6	4.1 / 104	50 / 22	85C 94V-2	500	.05 / 1.4	Standard
06204	Black	14.5 / 368	.18 / 4.6	4.1 / 104	50 / 22	85C 94V-2	100	.05 / 1.4	Standard
06274	Black	14.5 / 368	.18 / 4.6	4.1 / 104	50 / 22	85C 94V-2	500	.05 / 1.4	Standard
53176	Natural	17.0 / 432	.19 / 4.8	4.9 / 125	50 / 22	85C 94V-2	50	.06 / 1.5	Standard
53177	Black	17.0 / 432	.19 / 4.8	4.9 / 125	50 / 22	85C 94V-2	50	.06 / 1.5	Standard

Heavy Duty Cable Ties

									
06229	Natural	8.7 / 221	.30 / 7.6	2.0 / 51	120 / 54	85C 94V-2	50	.08 / 1.9	Standard
06206	Black	8.7 / 221	.30 / 7.6	2.0 / 51	120 / 54	85C 94V-2	50	.08 / 1.9	Standard
06240	Natural	15.1 / 383	.30 / 7.6	4.0 / 102	120 / 54	85C 94V-2	100	.08 / 1.9	Standard
06264	Natural	15.1 / 383	.30 / 7.6	4.0 / 102	120 / 54	85C 94V-2	500	.08 / 1.9	Standard
06207	Black	15.1 / 383	.30 / 7.6	4.0 / 102	120 / 54	85C 94V-2	100	.08 / 1.9	Standard
06277	Black	15.1 / 383	.30 / 7.6	4.0 / 102	120 / 54	85C 94V-2	500	.08 / 1.9	Standard

Extra Heavy Duty Cable Ties

									
53178	Natural	17.7 / 450	.31 / 7.9	5.2 / 133	175 / 79	85C 94V-2	50	.08 / 1.9	Standard
53179	Black	17.7 / 450	.31 / 7.9	5.2 / 133	175 / 79	85C 94V-2	50	.08 / 1.9	Standard
53180	Natural	21.5 / 546	.31 / 7.9	6.5 / 166	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53181	Black	21.5 / 546	.31 / 7.9	6.5 / 166	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53227	Natural	23.8 / 605	.35 / 9.0	7.3 / 185	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53228	Black	23.8 / 605	.35 / 9.0	7.3 / 185	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53182	Natural	27.7 / 705	.35 / 9.0	8.7 / 220	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53183	Black	27.7 / 705	.35 / 9.0	8.7 / 220	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53184	Natural	32 / 813	.35 / 9.0	9.7 / 246	175 / 79	85C 94V-2	50	.08 / 1.9	Standard
53185	Black	32 / 813	.35 / 9.0	9.7 / 246	175 / 79	85C 94V-2	50	.08 / 1.9	Standard
06247	Natural	33.1 / 841	.34 / 8.6	9.8 / 248	175 / 79	85C 94V-2	50	.09 / 2.3	Standard
06246	Black	33.1 / 841	.34 / 8.6	9.8 / 248	175 / 79	85C 94V-2	50	.09 / 2.3	Standard
06260	Natural	37.1 / 942	.34 / 8.6	11 / 279	175 / 79	85C 94V-2	50	.09 / 2.3	Standard
06259	Black	37.1 / 942	.34 / 8.6	11 / 279	175 / 79	85C 94V-2	50	.09 / 2.3	Standard
53186	Natural	48 / 1219	.35 / 9.0	15 / 380	175 / 79	85C 94V-2	50	.08 / 2.0	Standard
53187	Black	48 / 1219	.35 / 9.0	15 / 380	175 / 79	85C 94V-2	50	.08 / 2.0	Standard