

Nylon Cable Ties

Marathon Nylon Cable Ties are built from high-performance polyamides to deliver a powerful combination of durability, strength, and adaptability. Designed to withstand tough environments, our cable ties offer excellent abrasion resistance, low friction, and moderate stiffness, making them ideal for a wide range of industrial, commercial, and telecommunications applications.

Features and Benefits

- **High Strength & Durability:** Engineered nylon for secure bundling in demanding environments
- **Wide Temperature Range:** -40°F to 185°F operating, 230°F short-term, and up to 266°F with heat-stabilized material
- **Low Moisture Absorption:** Only 2.7% to 2.89% at 73°F and 50% RH — maintains performance in variable conditions
- **Abrasion & Wear Resistant:** Stands up to vibration, friction, and rough handling
- **UL 94 V-2 Flammability Rated:** Fire safety certified for structured cabling and equipment wiring
- **Plenum-Rated Safety:** Certified for use in air-handling spaces, meeting UL standards.
- **RoHS, REACH & 2011/65/EU Compliant:** Meets global environmental and material safety standards



Catalog Number	Part Number	Pack Size pcs/bag	Dimensions (WxL)		Color	UV Rated	Tensile Strength		Min Installation Temp		Min Bundle Diameter		Max Bundle Diameter	
			in	mm			lbs	N	C°	F°	in	mm	in	mm
CTNA24IN175100	40156499156	50	0.35 x 24	8.8 x 610	Natural	Yes	175	775	-20°	-4°	.28	7	7.15	181.5
CTB22IN25025	40156499144	25	0.49 x 22.8	12.4 x 580	Black	Yes	250	1110	-20°	-4°	.35	9	6.6	168
CTB15IN120100	40156499153	50	0.3 x 15.5	7.6 x 400	Black	Yes	120	540	-20°	-4°	.24	6	4.5	114.5
CTB5IN40100	40156499137	100	0.14 x 5.5	3.6 x 140	Black	Yes	40	180	-20°	-4°	.14	3.5	1.3	33
CTNA4IN181000	40156499147	1000	0.1 x 4	2.5 x 100	Natural	No	18	80	-20°	-4°	.06	1.5	.81	20.5
CTB4IN18100	40156499138	100	0.19 x 4	4.8 x 100	Black	Yes	50	230	-20°	-4°	.12	3	2	49.8
CTB7IN50100	40156499135	100	0.19 x 7	4.8 x 200	Black	Yes	50	230	-20°	-4°	.14	3.5	2	49.5
CTB11IN501000	40156499148	1000	0.19 x 11.5	4.8 x 300	Black	No	50	230	-20°	-4°	.12	3	3.2	81
CTB1450100	40156499132	100	0.19 x 14.6	4.8 x 370	Black	Yes	50	230	-20°	-4°	.14	3.5	4	103.5

Natural and UV Black Nylon 6.6 Cable Ties

Features and Benefits

- **High Strength & Durability:** Engineered nylon for secure bundling in demanding environments
- **Various Applications:** Secure bundling for cables, wires, hoses, ducts and more
- **High Resistance:** Withstands abrasive materials including greases, oil derivatives and chloride solvents
- **UL 94 V-2 Flammability Rated, Plenum Rated:** Fire safety certified for structured cabling and equipment wiring
- **UL Type 21 Rated:** Certified to support metal conduits and cables in construction
- **Wide Temperature Range:** -40°F to 185°F operating temperature for Plastic Barb cable ties and -76°F to 185°F operating temperature for Metal Barb cable ties. Both have a minimum install temperature of -4°F



Natural RoHS and Reach Compliant, Not UV Resistant | Plastic Barb Type

Catalog Number	Part Number	Pack Size	Length		Tensile Strength		Min Bundle Diameter		Max Bundle Diameter	
			in	mm	lbs	N	in	mm	in	mm
CTNAT5IN401000	40156499959	1,000	5.5	140	40	180	0.14	3.5	1.3	33.0
CTNAT8IN501000	40156499960	1,000	7.5	190	50	230	0.14	3.5	1.8	46.0
CTNAT8IN50100	40156499954	100	8.0	200	50	230	0.14	3.5	2.0	49.5
CTNAT8IN401000	40156499964	1,000	8.0	200	40	180	0.14	3.5	2.07	52.5
CTNAT8IN181000	40156499962	1,000	8.0	200	18	80	0.14	3.5	2.1	52.5
CTNAT15IN50100	40156499968	100	14.5	370	50	230	0.14	3.5	3.9	100.0

High Performance Black, UV Resistant | Metal Barb Type

Catalog Number	Part Number	Pack Size	Length		Tensile Strength		Min Bundle Diameter		Max Bundle Diameter	
			in	mm	lbs	N	in	mm	in	mm
CTBHP8IN501000	40156499965	1,000	8.0	200	50	230	0.14	3.5	49.5	49.5
CTBHP12IN401000	40156499970	1,000	11.8	300	40	180	0.14	3.5	3.3	84.0
CTBHP15IN501000	40156499972	1,000	14.5	370	50	230	0.14	3.5	4.4	103.5



Standard Black RoHS and Reach Compliant, UV Resistant | Plastic Barb Type

Catalog Number	Part Number	Pack Size	Length		Tensile Strength		Min Bundle Diameter		Max Bundle Diameter	
			in	mm	lbs	N	in	mm	in	mm
CTB4IN181000	40156499958	1,000	4.0	100	18	80	0.12	3.4	0.8	20.5
CTB5IN401000	40156499963	1,000	5.5	127	40	180	0.14	1.3	3.5	33.0
CTB8IN40100	40156499957	100	8.0	200	40	180	0.14	3.5	2.1	52.5
CTB8IN50100	40156499953	100	8.0	200	50	230	0.14	3.5	2.0	49.5
CTB8IN120100	40156499950	100	8.0	200	120	540	0.33	8.5	2.0	50.9
CTB8IN501000	40156499967	1,000	8.0	203	50	230	0.14	1.7	3.0	46.0
CTB11IN40100	40156499956	100	11.0	280	40	180	0.14	3.5	3.1	78.0
CTB11IN50100	40156499952	100	11.0	280	50	230	0.14	3.5	3.2	81.0
CTB12IN501000	40156499961	1,000	11.8	300	50	230	0.14	3.5	3.2	81.0
CTB14IN50100	40156499951	100	14.0	360	50	230	0.14	3.5	3.9	100.0
CTB14IN120100	40156499949	100	14.0	365	120	540	0.33	8.5	4.1	104.1
CTB15IN40100	40156499955	100	14.5	370	40	180	0.14	3.5	4.2	106.7
CTB15IN50100	40156499971	100	14.5	370	50	230	0.14	3.5	4.4	111.8
CTB15IN50500	40156499966	500	14.5	370	50	230	0.14	3.5	4.4	111.8
CTB15IN501000	40156499969	1,000	14.5	370	50	230	0.14	3.5	3.9	103.5
CTB18IN12050	40156498901	50	18	457	120	540	0.33	8.5	5.14	130.5