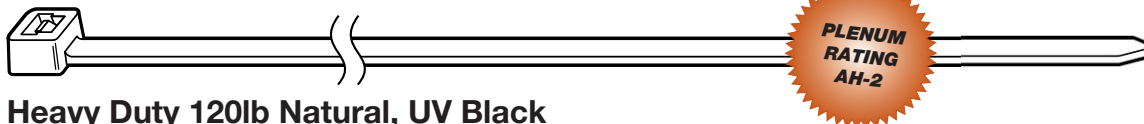
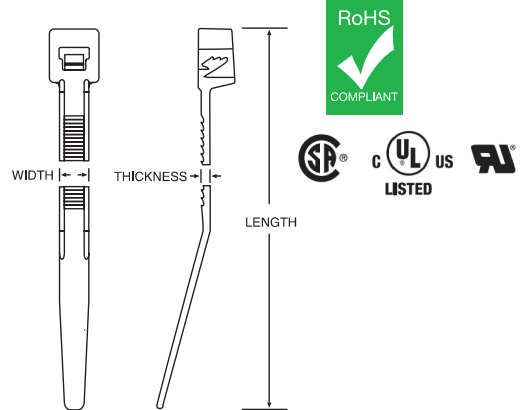


STANDARD CABLE TIES



Heavy Duty 120lb Natural, UV Black

Per Bag	Part no.	Colour & Material	Length Inch/mm	Width Inch/mm	Thickness Inch/mm	Tie Tensile	Diameter Inch/mm	UL-CSA Mil-Spec	Per Case	ANSI/UL 62275 TYPE
100	L-81209C	Natural Nylon	8.70/220.98	.300/7.620	.076/1.930	120lb	2.06/52.38	UL-CSA	3,000	21S
100	L-81200C	UV Black Nylon								21S
100	L-141209C	Natural Nylon	15.09/383.36	.300/7.620	.076/1.930	120lb	4.06/103.18	UL-CSA MS3367-3*	2,000	21S
100	L-141209C									21S
100	L-141200C	UV Black Nylon								21S
100	L-141200C									21S
50	L-181209L	Natural Nylon	17.70/449.58	.302/7.670	.083/2.108	120lb	UL-CSA	1,000	21S	
50	L-181200L	UV Black Nylon							21S	
50	L-241209L	Natural Nylon	24.43/620.69	.302/7.670	.083/2.108	120lb	UL-CSA	500	21S	
50	L-241200L	UV Black Nylon							21S	
50	L-301209L	Natural Nylon	30.6/781.00	.302/7.670	.083/2.108	120lb	UL-CSA	500	21S	
50	L-301200L	UV Black Nylon							21S	

NOW 21S!

Tolerance: .XXX = ±.005, .XX = ±.015, Fraction = ±1/32"



Extra Heavy Duty 175lb Natural, UV Black, & Gray

Per Bag	Part no.	Colour & Material	Length Inch/mm	Width Inch/mm	Thickness Inch/mm	Tie Tensile	Diameter Inch/mm	UL-CSA Mil-Spec	Per Case	ANSI/UL 62275 TYPE
50	L-241759L	Natural Nylon	25.25/641.35	.340/8.636	.090/2.286	175lb	7.18/182.56	UL-CSA UL 181B-C MS3367-10	500	21
50	L-241750L	UV Black Nylon								
50	L-361759L	Natural Nylon	37.25/946.15	.340/8.636	.090/2.286	175lb	11.00/279.40	UL-CSA UL 181B-C MS3367-13	500	21
50	L-361750L	UV Black Nylon								
50	L-481759L	Natural Nylon	48.50/1231.9	.340/8.636	.090/2.286	175lb	14.50/368.30	UL-CSA UL 181B-C MS3367-16	500	21
50	L-481758L	Gray Nylon								
50	L-481750L	UV Black Nylon								

Tolerance: .XXX = ±.005, .XX = ±.015, Fraction = ±1/32"

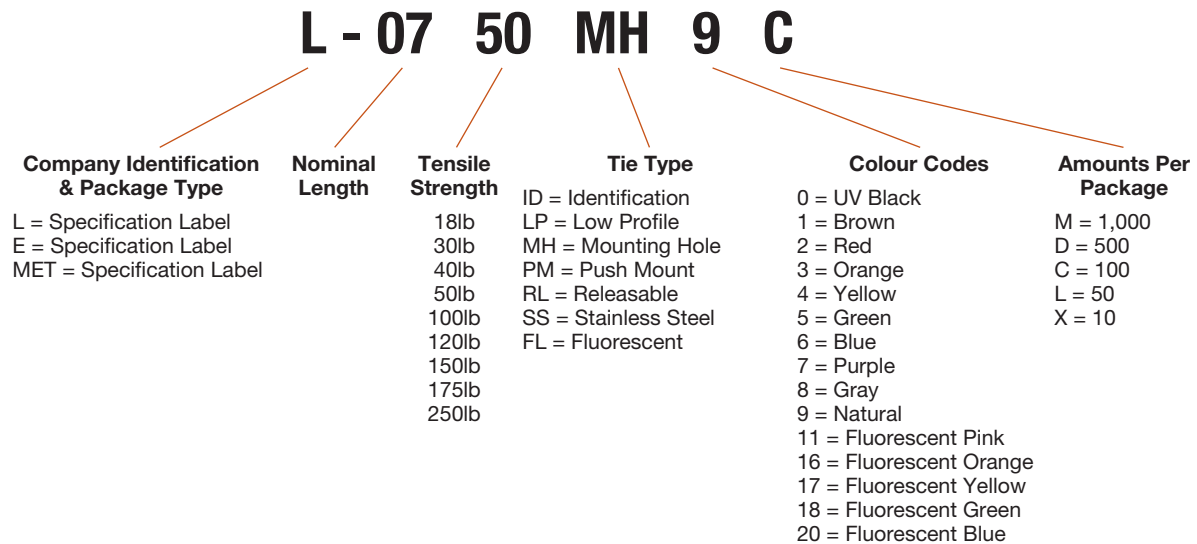
MADE IN U.S.A.

STANDARD CABLE TIES

ElecDirect cable ties are manufactured from high quality nylon 6/6. The angled tail features finger grips for easy handling and alignment. The one-piece design, transition rails, and teeth provide a low insertion force while maintaining a high tensile strength, ensuring ease of use and durability. The 36" and 48" applications include HVAC duct straps, and are UL 181 B Listed.

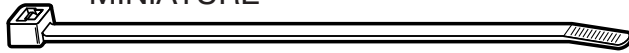
- **Operating Temp. Rating Nylon Cable Ties:** -40°C to +85°C
- **UL Flame Rating:** 94 V-2
- **Minimum Installation Temp.:** "L" Ties -20°C, "E" Ties 0°C
- **Plenum Rating:** AH-2

READING ELECDIRECT CABLE TIE PART NUMBERS

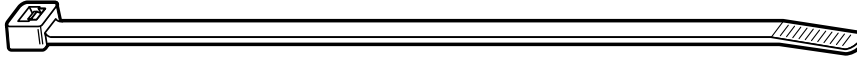


MIL-SPEC CABLE TIES

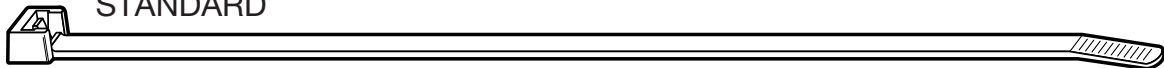
MINIATURE



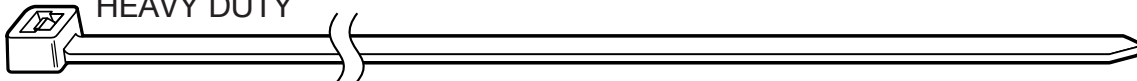
INTERMEDIATE



STANDARD



HEAVY DUTY



Per Bag	Mil-Spec	Part no.	ME.T Ties	Material	ID Code	Tool Setting
100	MS-3367-1-0	L-7500C	MET-7500C	UV Black Nylon	STD	6 to 8
	MS-3367-1-2	L-7502C	MET-7502C	Red Nylon		
	MS-3367-1-3	L-7503C	MET-7503C	Orange Nylon		
	MS-3367-1-4	L-7504C	MET-7504C	Yellow Nylon		
	MS-3367-1-5	L-7505C	MET-7505C	Green Nylon		
	MS-3367-1-6	L-7506C	MET-7506C	Blue Nylon		
	MS-3367-1-7	L-7507C	MET-7507C	Purple Nylon		
	MS-3367-1-8	L-7508C	MET-7508C	Gray Nylon		
	MS-3367-1-9	L-7509C	MET-7509C	Natural Nylon		
	MS-3367-2-0	L-14500C	MET-14500C	UV Black Nylon		
500	MS-3367-2-0	L-14500D	MET-14500D	UV Black Nylon		
100	MS-3367-2-6	L-14506C	MET-14506C	Blue Nylon		
	MS-3367-2-9	L-14509C	MET-14509C	Natural Nylon		
500	MS-3367-2-9	L-14509D	MET-14509D	Natural Nylon		
100	MS-3367-3-0	L-141200C	MET-141200C	UV Black Nylon	HVY	5 to 8
	MS-3367-3-2	L-141202C	MET-141202C	Red Nylon		
	MS-3367-3-5	L-141205C	MET-141205C	Green Nylon		
	MS-3367-3-9	L-141209C	MET-141209C	Natural Nylon	MIN	1 to 3
	MS-3367-4-0	L-4180C		UV Black Nylon		
	MS-3367-4-9	L-4189C		Natural Nylon	INT	3 to 5
	MS-3367-5-0	L-5400C	MET-5400C	UV Black Nylon		
	MS-3367-5-1	L-5401C	MET-5401C	Brown Nylon		
	MS-3367-5-2	L-5402C	MET-5402C	Red Nylon		
	MS-3367-5-3	L-5403C	MET-5403C	Orange Nylon		
MS-3367-5-4	L-5404C	MET-5404C	Yellow Nylon			
MS-3367-5-5	L-5405C	MET-5405C	Green Nylon			
MS-3367-5-6	L-5406C	MET-5406C	Blue Nylon			
MS-3367-5-8	L-5408C	MET-5408C	Gray Nylon			
MS-3367-5-9	L-5409C	MET-5409C	Natural Nylon			
50	MS-3367-6-9	L-301209L		Natural Nylon	HVY	5 to 8
	MS-3367-6-0	L-301200L		UV Black Nylon		
100	MS-3367-7-0	L-11500C	MET-11500C	UV Black Nylon	STD	6 to 8
500	MS-3367-7-0	L-11500D	MET-11500D	UV Black Nylon		
100	MS-3367-7-2	L-11502C	MET-11502C	Red Nylon		
	MS-3367-7-9	L-11509C	MET-11509C	Natural Nylon		
500	MS-3367-7-9	L-11509D	MET-11509D	Natural Nylon		

- CSA 213040
 - UL File No. E303945
- Recognized Components
Wire Positioning Devices
Mounting Pads
Cable Ties



Use L-300 Tool

MATERIALS FOR MOLDED ASSEMBLY HARDWARE

Property	ASTM Method	Test Condition	Units	Molded 6/6 Nylon	Nylon
Tensile Strength	D638	+73°F; 50% RH	kpsi	11.2	9
Elongation at Break	D638	+73°F; 50% RH	%	≥300	200
Yield Strength	D638	+73°F; 50% RH	kpsi	8.5	9
Shear Strength	D732	Dry As Molded (DAM)	kpsi	9.6	10.5
Deformation Under Load	D621	2,000 psi +122°F; DAM	%	1.4	1.2
IZOD Impact	D256	+73°F; 50% RH	ft lb/in	2.1	2
Tensile Impact Strength	D1822	+73°F; Long Specimen; DAM	ft lb/in ²	240	N.R.
Melting Point	D789	Fisher-Johns	°F	491	491
Thermal Linear Expansion	D696	DAM	in/in/°F	4 x 10 ⁻⁵	N.R.
Thermal Conductivity	–	DAM Conche-Fitch	BTU - in/ h • ft ² • °F	1.7	1.7
Brittleness Temperature	D746	50% RH	°F	-85	-62
Oxygen Index	D2863	DAM 50% RH	%O ₂	28 31	25 31
UL Flammability	UL 94	DAM 50% RH	– –	V-2 V-2	V-2 V-2

- Material data as provided by our suppliers.
- Tests conducted on 1/4" specimens.
- N.R. = Not Reported

NBS Smoke Generation For 6/6 Nylon

Sample Thickness	UL Flammability	Energy Source	Specific Optical Density	
			at Maximum Smoke Accumulation	at 2 Minutes
1/16"	94 V-2	Radiant (2.5 watts/sq cm)	13	0
1/8"	94 V-2	Radiant Plus Flaming Gas Jets	26	1

- Results as provided by National Bureau of Standards (NBS). Results may not be directly correlated with larger fires, such as burning buildings. Materials should be tested to your application.

Temperature Index For Molded Nylons

Material	Minimum Thickness (in)	Temperature Index		Hot Wire Ignition (sec)
		Electrical (°C)	Mechanical w/o Impact (°C)	
6/6 Nylon	0.028	125	65	11.8
UV Black Nylon	0.058	125	85	15.0
	0.120	125	85	35.0
	0.240	125	85	35.0
Heat Stabilized Nylon	0.028	130	95	9.0
	0.058	130	105	11.0
	0.120	130	110	20.0

- Temperature Index is the temperature at which the specific property will decrease to one-half its original value after 60,000 hours exposure at that temperature.

About Nylon...

Nylon possess an outstanding balance of properties combining strength, moderate stiffness, high service temperature and a high level of toughness. Nylon is particularly resistant to repeated impact, has a low co-efficient of friction and excellent abrasion resistance.

Nylon is resistant to fuels, lubricants and most chemicals, but is attacked by phenols, strong acids and oxidizing agents.

Nylon is inherently susceptible to environmental conditions. ElecDirect Cable Ties are moisturized to optimum performance levels at machine-side and should be stored in cool dry areas out of direct sunlight. Cable Ties are packaged in plastic bags to contain moisture and should remain sealed until ready for use.