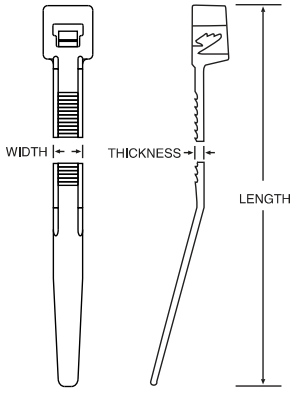
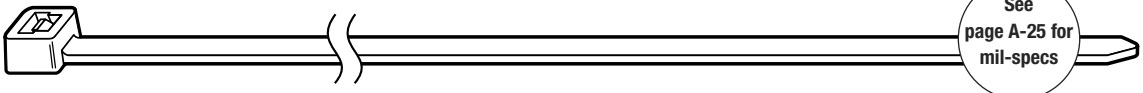
STANDARD CABLE TIES



RoHS COMPLIANT

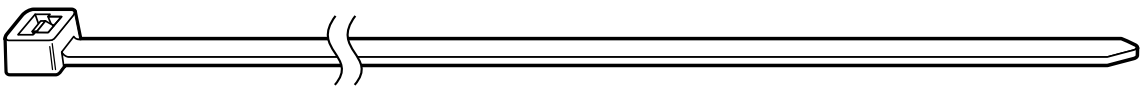


See page A-25 for mil-specs

Heavy Duty 120 lb. Natural, UV Black

Per Bag	Part Number	Colour & Material	Length Inch/mm	Width Inch/mm	Thickness Inch/mm	Tie Tensile	Diameter Inch/mm	UR-CSA Mil-Spec	Per Case
100	L-81209C	Natural Nylon	8.70/220.98	.300/7.620	.076/1.930	120 lb.	2.06/52.38	UR-CSA	3,000
100	L-81200C	UV Black Nylon							
100	L-141209C	Natural Nylon	15.09/383.36	.300/7.620	.076/1.930	120 lb.	4.06/103.18	UR-CSA MS3367-3*	2,000
100	L-141209C								
100	L-141200C	UV Black Nylon							
100	L-141200C								
50	L-181209L	Natural Nylon	17.70/449.58	.302/7.670	.083/2.108	120 lb.	5.00/127.00	UR-CSA	1,000
50	L-181200L	UV Black Nylon							
50	L-241209L	Natural Nylon	24.43/620.69	.302/7.670	.083/2.108	120 lb.	7.00/177.80	UR-CSA	500
50	L-241200L	UV Black Nylon							
50	L-301209L	Natural Nylon	30.6/781.00	.302/7.670	.083/2.108	120 lb.	9.00/288.60	UR-CSA MS3367-6	500
50	L-301200L	UV Black Nylon							

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



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

Per Bag	Part Number	Colour & Material	Length Inch/mm	Width Inch/mm	Thickness Inch/mm	Tie Tensile	Diameter Inch/mm	UR-CSA Mil-Spec	Per Case
50	L-241759L	Natural Nylon	25.25/641.35	.340/8.636	.090/2.286	175 lb.	7.18/182.56	UR-CSA UL 181B-C MS3367-10	500
50	L-241750L	UV Black Nylon							
50	L-361759L	Natural Nylon	37.25/946.15	.340/8.636	.090/2.286	175 lb.	11.00/279.40	UR-CSA UL 181B-C MS3367-13	500
50	L-361750L	UV Black Nylon							
50	L-481759L	Natural Nylon	48.50/1231.9	.340/8.636	.090/2.286	175 lb.	14.50/368.30	UR-CSA UL 181B-C MS3367-16	500
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

A

Miniature 18 lb. Cable Ties A-3
Intermediate 30 lb. & 40 lb. Cable Ties A-4
Standard 50 lb. Cable Ties A-4
Heavy Duty 120 lb. Cable Ties A-5
Extra Heavy Duty 175 lb. Cable Ties A-5
ME.T Metal Tooth Cable Ties A-6

elecDirect.com 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.

- **Temp. Rating Nylon Cable Ties:** +85˚C
- **UL Flame Rating:** 94 V-2

READING ELECDIRECT.COM CABLE TIE PART NUMBERS

L - 07 50 MH 9 C

Company Identification & Package Type
L = Specification Label

Nominal Length

Tensile Strength
18 lb.
40 lb.
50 lb.
100 lb.
120 lb.
150 lb.
175 lb.
250 lb.

Tie Type
ID = Identification
LP = Low Profile
MH = Mounting Hole
PM = Push Mount
RL = Releasable
SS = Stainless Steel
FL = Fluorescent

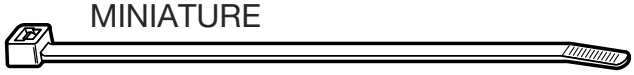
Colour Codes
0 = UV Black
1 = Brown
2 = Red
3 = Orange
4 = Yellow
5 = Green
6 = Blue
7 = Purple
8 = Gray
9 = Natural
11 = Fluorescent Pink
16 = Fluorescent Orange
17 = Fluorescent Yellow
18 = Fluorescent Green
20 = Fluorescent Blue

Amounts Per Package
M = 1,000
D = 500
C = 100
L = 50

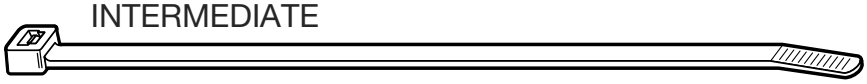
LISTED

MIL-SPEC CABLE TIES

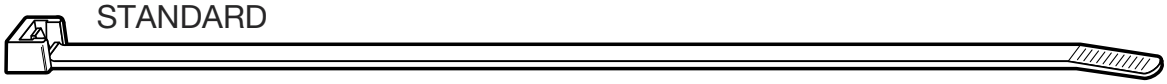
MINIATURE



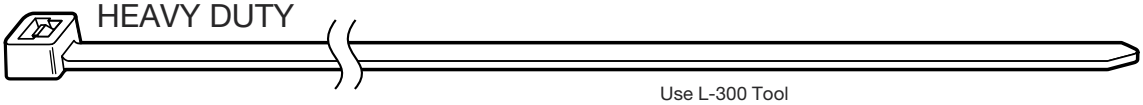
INTERMEDIATE



STANDARD



HEAVY DUTY



Use L-300 Tool

Per Bag	Mil-Spec	Part #	Material	ID Code	Tool Setting
100	MS-3367-1-0	L-7500C	UV Black Nylon	STD	6 to 8
	MS-3367-1-2	L-7502C	Red Nylon		
	MS-3367-1-3	L-7503C	Orange Nylon		
	MS-3367-1-4	L-7504C	Yellow Nylon		
	MS-3367-1-5	L-7505C	Green Nylon		
	MS-3367-1-6	L-7506C	Blue Nylon		
	MS-3367-1-7	L-7507C	Purple Nylon		
	MS-3367-1-8	L-7508C	Gray Nylon		
	MS-3367-1-9	L-7509C	Natural Nylon		
	MS-3367-2-0	L-14500C	UV Black Nylon		
500	MS-3367-2-0	L-14500D			
100	MS-3367-2-6	L-14506C	Blue Nylon		
	MS-3367-2-9	L-14509C	Natural Nylon		
500	MS-3367-2-9	L-14509D			
100	MS-3367-3-0	L-141200C	UV Black Nylon		
	MS-3367-3-2	L-141202C	Red Nylon	HVY	5 to 8
	MS-3367-3-5	L-141205C	Green Nylon		
	MS-3367-3-9	L-141209C	Natural Nylon		
	MS-3367-4-0	L-4180C	UV Black Nylon	MIN	1 to 3
	MS-3367-4-9	L-4189C	Natural Nylon		
	MS-3367-5-0	L-5300C	UV Black Nylon	INT	3 to 5
	MS-3367-5-1	L-5301C	Brown Nylon		
	MS-3367-5-2	L-5302C	Red Nylon		
	MS-3367-5-3	L-5303C	Orange Nylon		
	MS-3367-5-4	L-5304C	Yellow Nylon		
	MS-3367-5-5	L-5305C	Green Nylon		
	MS-3367-5-6	L-5306C	Blue Nylon		
	MS-3367-5-8	L-5308C	Gray Nylon		
	MS-3367-5-9	L-5309C	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	UV Black Nylon	STD	6 to 8
500	MS-3367-7-0	L-11500D			
100	MS-3367-7-2	L-11502C	Red Nylon		
	MS-3367-7-9	L-11509C	Natural Nylon		
500	MS-3367-7-9	L-11509D			

- CSA 213040
- UL File No. E303945

  Recognized Components

  Wire Positioning Devices
  Mounting Pads
  Cable Ties

RECOGNIZED

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	9.0
Elongation at Break	D638	+73°F; 50% RH	%	≥300	200
Yield Strength	D638	+73°F; 50% RH	kpsi	8.5	9.0
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	2.0
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	%0_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

			Specific Optical Density	
Sample Thickness	UL Flammability	Energy Source	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	.028	125	65	11.8
	.058	125	85	15.0
UV Black Nylon	.120	125	85	35.0
	.240	125	85	35.0
Heat Stabilized Nylon	.028	130	95	9.0
	.058	130	105	11.0
	.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. Contact your elecDirect.com Customer Service Representative or your elecDirect.com Distributor for chemical data relative to your application.

Nylon is inherently susceptible to environmental conditions. elecDirect.com 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.