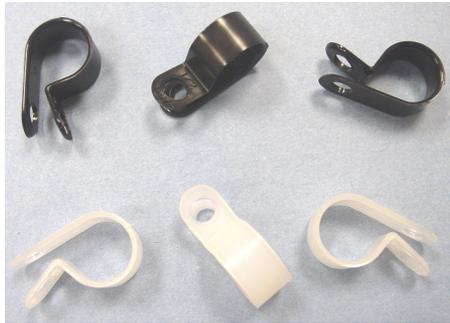
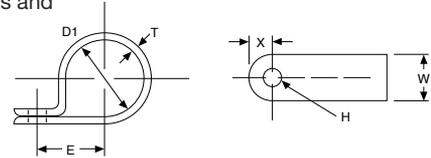


CABLE CLAMPS & CLIPS



- Fully Radiused Inside Edges with Size Markings in Inches and Millimeters for Easy Identification
- Stocked in Natural White and Black 6/6 Nylon 94 V-2
- 11 Diameters and 5 Widths with Mounting Holes for #4 through #10 Screws
- Non-Conductive, Non-Corrosive; Resistant to Fuels, Lubricants and most Chemicals

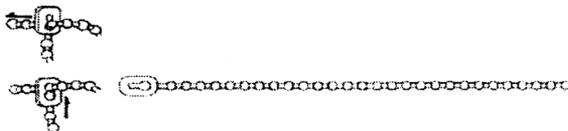


White Part #	Black Part #	D1 Closed Diameter		E		T Thickness		W Width		H Hole Diameter		X		Per Package
		Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	
766046C	767046C	.126	(3.2)	.355	(9.0)	.060	(1.5)	.512	(13.0)	.205	(5.2)			100
766500C	767500C	.170	(4.3)	.414	(10.5)	.060	(1.5)	.414	(10.5)	.205	(5.2)			
766076C	767076C	.248	(6.3)	.414	(10.5)	.060	(1.5)	.374	(9.5)	.189	(4.8)			
766053C	767053C	.300	(7.6)	.414	(10.5)	.060	(1.5)	.374	(9.5)	.189	(4.8)			
766054C	767054C	.343	(8.7)	.493	(12.5)	.060	(1.5)	.488	(12.4)	.189	(4.8)			
766047C	767047C	.496	(12.6)	.591	(15.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
766077C	767077C	.622	(15.8)	.709	(18.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
766078C	767078C	.764	(19.4)	.709	(18.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
766079C	767079C	1.000	(25.4)	.866	(22.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
766050C	767050C	1.252	(31.8)	1.024	(26.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
766503C	767503C	1.445	(36.7)	1.187	(30.0)	.060	(1.5)	.473	(12.0)	.189	(4.8)			
Tolerance ±		.010	.030	.005	.015	.010	.030							
		(.254)	(.762)	(.127)	(.381)	(.254)	(.762)							

MARKING PENS

MKR-PEN-2	Red Marking Pen
MKR-PEN-6	Blue Marking Pen
MKR-PEN-0	Black Marking Pen

Ideal for marking applications. Permanently marks most materials, including plastics. Quick drying; fine point.



BEAD TIES

Per Bag	Part #	Material	Colour	Bundle Diameter		Length		Width		Minimum Loop Tensile LB (kg)
				Inch	(mm)	Inch	(mm)	Inch	(mm)	
1000	BT4089M	Nylon	Natural	1.14	(29)	4.2	(107)	.09	(2.3)	8 (4)

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	%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	.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.