



STRAIN-RELIEF GRIPS | Wide-Range Grips | Cord Sealing Grips

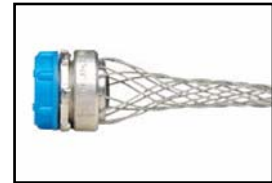
Strain-Relief Grips

Strain-relief grips are used to connect cords or cable to electrical enclosures and equipment. These grips prevent pullout due to tension and limit the arc of bend at the point of entry; strain is distributed over the length of mesh rather than concentrated at one point or transferred to the internal termination.

Wide-Range Grips

Wide-range grips are recommended for use in the wiring of enclosures, power boxes, machine tools, and power centers. They have an anodized aluminum body, galvanized steel mesh and include an insulated bushing (dust-tight).

Single Weave Galvanized Steel Mesh  				
Cat. No.	Cable Dia. Range (Inches)	NPT Size (Inches)	Mesh Length @ Nominal Dia. (Inches)	Minimum Distance Between Grips (Inches)
L7501	0.22-0.32	1/2	4	1 1/4
L7502	0.30-0.43	1/2	4 1/2	1 1/4
L7503	0.40-0.54	1/2	5 1/2	1 1/4
L7504	0.52-0.73	3/4	6 1/2	1 1/2
L7505	0.70-0.97	1	8	1 7/8
L7506	0.94-1.25	1 1/4	9	2 3/8
L7507	1.20-1.50	1 1/2	11	2 5/8
L7508	1.40-1.75	2	13	3 1/4
L7509	1.62-2.00	2 1/2	13 1/2	3 5/8
L7511	2.00-2.45	2 1/2	13 1/2	3 5/8





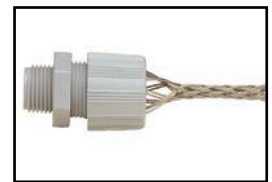
L7504
Galvanized steel mesh

Cord Sealing Grips

Cord sealing grips with mesh are nylon devices used to connect electrical cables to boxes, cabinets, pushbuttons, enclosures, etc. They are liquid-tight devices that are highly resistant to impact and corrosion. Non-metallic cord sealing grips will not support combustion. The ratings are: Wire Mesh Grip-94 HB and Fitting-94V-2.

Cord sealing grip products are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting (sealing ring not included).

Nylon Cord Sealing Grips with Mesh, Straight and 90°   **						
Cat. No.	Stainless Steel Mesh		Cat. No.		Cable Dia. Range (Inches)	NPT (Form Size)
	Straight	90°	Straight	90°		
L7521	—	L7522	L7524	.187-.250	1/2" (F2)	
—	L7527	—	L7528	.250-.312	1/2" (F2)	
—	L7532	—	L7533	.312-.375	1/2" (F2)	
—	L7536	—	—	.375-.437	1/2" (F2)	
L7538	L7541	L7539	L7542	.437-.500	1/2" (F2)	
L7543*	L7544*	—	—	.500-.562	1/2" (F2)	
L7545*	L7546*	—	—	.562-.625	1/2" (F2)	
L7601	—	L7602	L7604	.187-.250	3/4" (F3)	
L7605	—	—	—	.250-.375	3/4" (F3)	
—	L7612	—	—	.375-.437	3/4" (F3)	



L7521
Straight — SS mesh



L7527
90° — SS mesh

*Cable jacket may have to be stripped for clearance.

Note: F2, F3 and F4 are fitting form sizes.

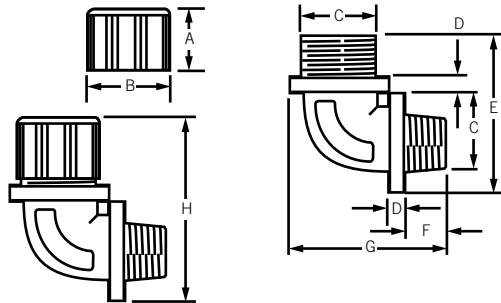
**Cord Sealing grips with non-metallic mesh are UL Listed and CSA Certified.

Cord Sealing grips with stainless steel mesh are CSA Certified only

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Cord Sealing Grips

Nylon Cord-Sealing Fittings, 90° Body



Dimensions for Nylon Cord-Sealing Fittings, 90° Body (units are in inches)

Form	NPT	A	B	C	D	E	F	G	H (Ref.)
1	3/8"	1.000	1.150	1.100	.187	1.812	.450	1.687	2.35
2	1/2"	1.000	1.300	1.165	.187	1.900	.578	1.820	2.40
3	3/4"	1.000	1.500	1.600	.187	2.421	.593	2.218	2.75
4	1"	1.000	1.850	1.850	.187	2.656	.800	2.700	3.00
5	1 1/4"	1.000	2.050	1.965	.187	2.859	.750	2.812	3.25

Deluxe Cord Grips

Deluxe cord grips are woven of stainless steel mesh with an anodized aluminum body for corrosion resistance. They are offered in single/double weave construction to help absorb direct pulling, resist flexing and binding, and eliminate strain. Aluminum fittings are offered in a variety of NPT thread sizes. They are recommended for indoor or outdoor use where moisture may be present in the wiring of pendant stations, processing equipment, hand tools, and extension cord sets. They are UL Listed and CSA Certified. Deluxe cord grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 and 2; and Class III, Div. 1 and 2. They are also suitable for use in wet locations as long as a listed sealing ring is used between the box and the fitting (sealing ring not included).

Single/Double Weave

Cat. No. Straight Male	Cat. No. 90° Male	Cat. No. 45° Male	Cat. No. Straight Female	Cable Dia. Range (Inches)	NPT Size
L7701	—	—	—	.187-.250	3/8"
L7702	—	—	—	.250-.312	3/8"
L7703	—	—	L7822	.312-.375	3/8"
L7704	—	—	—	.375-.437	3/8"
L7705	L7761	—	—	.187-.250	1/2"
L7706	—	L7802	—	.250-.375	1/2"
L7707	L7763	L7803	L7826	.375-.500	1/2"
L7708	L7764	L7804	L7827	.500-.625	1/2"
L7709	—	—	—	.625-.750	1/2"

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L7701
Straight — Male



L7761
90° — Male

STRAIN-RELIEF GRIPS | Deluxe Cord Grips

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Single/Double Weave  					
Cat. No. Straight Male	Cat. No. 90° Male	Cat. No. 45° Male	Cat. No. Straight Female	Cable Dia. Range (Inches)	NPT Size
L7711	L7765	L7805	—	.250-.375	3/4"
L7712	—	L7806	—	.375-.500	3/4"
L7700	L7767	L7807	L7831	.500-.625	3/4"
L7713	L7768	L7808	—	.625-.750	1"
L7714	—	—	—	.750-.875	1"
L7715	L7769	—	—	.375-.500	1"
L7716	—	—	L7833	.500-.625	1"
L7717	L7772	—	L7834	.625-.750	1"
L7718	—	—	—	.750-.875	1"
L7719	—	—	L7836	.875-1.000	1"
L7721	—	—	—	1.000-1.125	1"
L7722	—	—	—	1.125-1.250	1"
L7723	—	—	—	.750-.875	1 1/4"
L7724	—	—	—	.875-1.000	1 1/4"
L7725	—	—	—	1.000-1.125	1 1/4"
L7726	L7778	—	—	1.125-1.250	1 1/4"
L7727	—	—	—	1.250-1.375	1 1/4"
L7728	—	—	—	.750-.875	1 1/2"
L7729	L7782	—	—	.875-1.000	1 1/2"
L7731	—	—	—	1.000-1.125	1 1/2"
L7732	L7784	—	—	1.125-1.250	1 1/2"
L7733	L7785	—	—	1.250-1.375	1 1/2"
L8011	—	—	—	1.312-1.437	1 1/2"
L7770	—	—	—	1.437-1.562	1 1/2"
L7750	—	—	—	1.562-1.687	1 1/2"
L7760	—	—	—	1.687-1.812	1 1/2"
L7734	—	—	—	1.250-1.375	2"
L7736	—	—	—	1.562-1.687	2"
L7737	L7789	—	—	1.687-1.812	2"
—	L7791	—	—	1.750-1.875	2"
L7730	—	—	—	2.187-2.312	2"
L7739	—	—	—	1.688-1.812	2 1/2"
L7742	—	—	—	1.937-2.062	2 1/2"
L7743	—	—	—	2.062-2.187	2 1/2"
L7744	—	—	—	2.187-2.312	2 1/2"
L7745	—	—	—	1.688-1.812	3"
L7746	—	—	—	1.812-1.937	3"
L7747	—	—	—	1.937-2.062	3"
L7748	—	—	—	2.062-2.187	3"
L7751	—	—	—	2.312-2.437	3"
L7752	—	—	—	2.437-2.625	3"
L7754	—	—	—	2.812-3.000	3"
L7755	—	—	—	3.000-3.250	3"



L7802
45° — Male