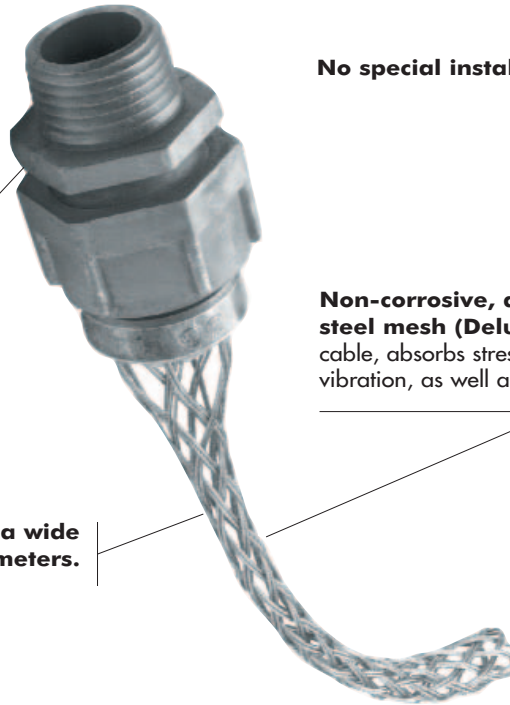


Fittings available in male straight, female straight, 45° and 90° designs for fast installation in all kinds of applications.

Corrosion-resistant, die cast aluminum fitting with watertight seal (Deluxe Cord Connector Strain Relief) protects connections from cable stress in damp applications.



No special installation tools required.

Non-corrosive, double-weave stainless steel mesh (Deluxe Cord Grip) supports the cable, absorbs stress caused by flexure and vibration, as well as controls arc of cable.

Mesh readily expands for a wide range of cord diameters.

CG610
Male Straight, Deluxe Cord
Connectors Strain Relief

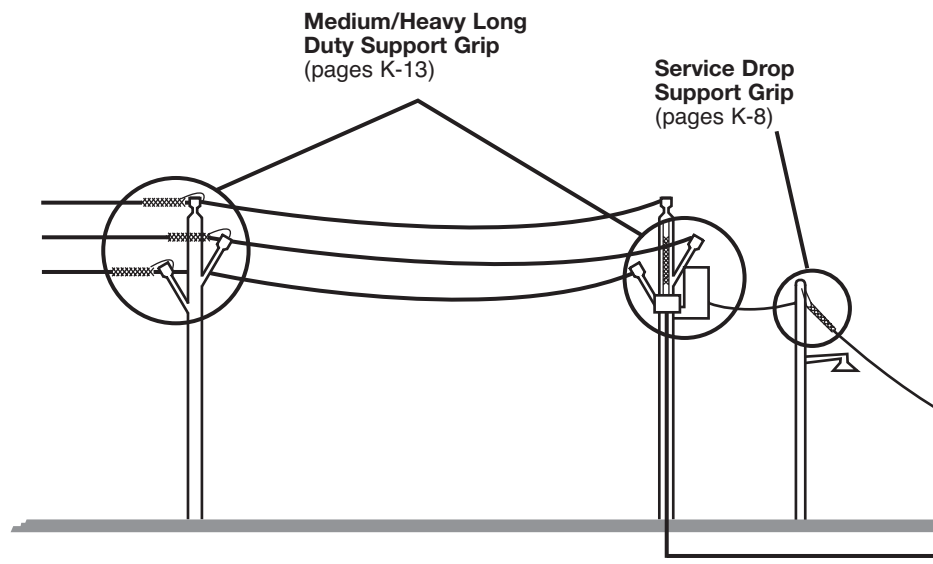
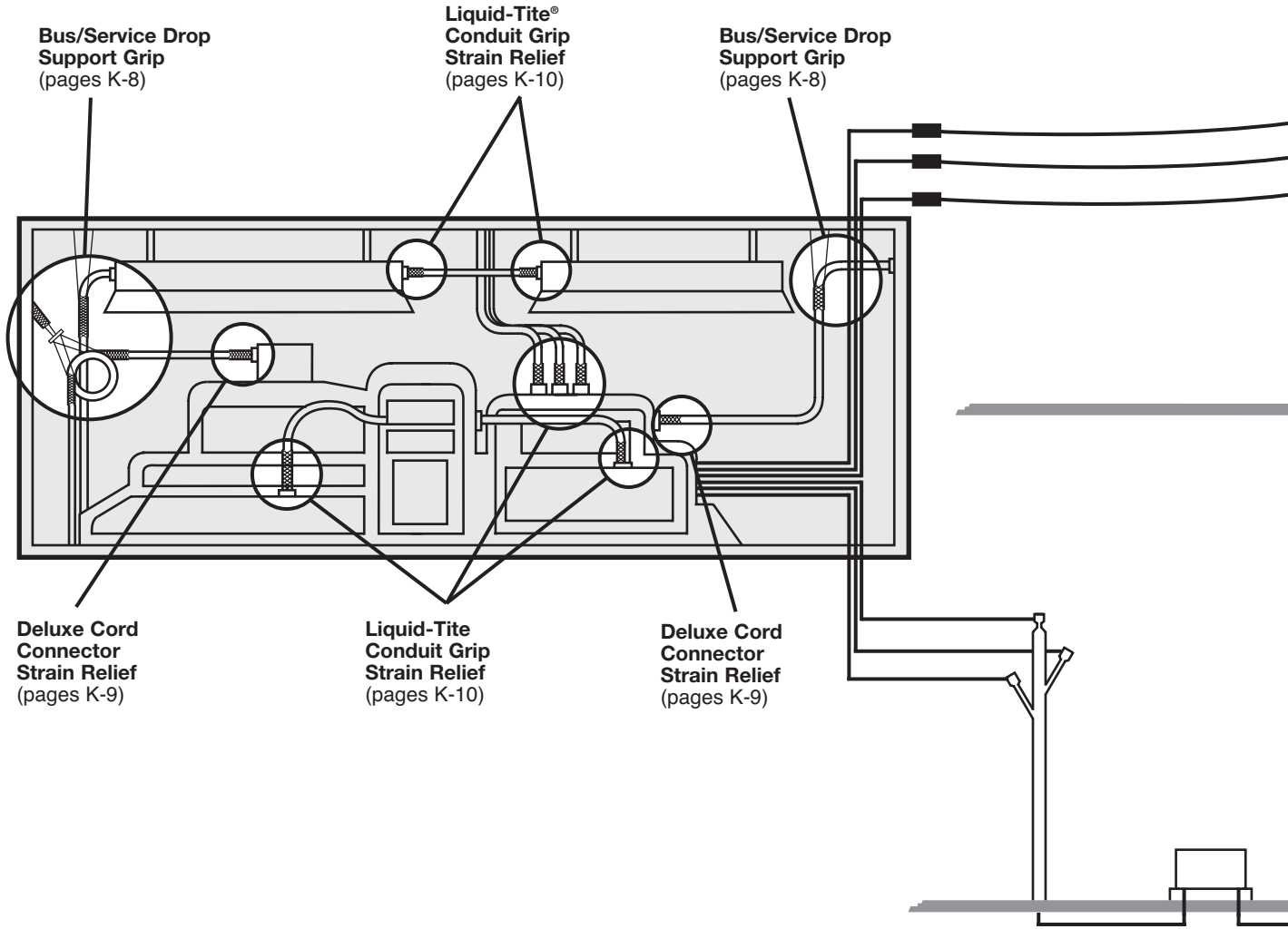
Rugged, easy-to-install and available in a wide range of sizes — our Flexcor® Wire Mesh Strain Relief, Cable-Pulling, and Cable-Support Grips are engineered to take some of the strain off of you.

Index

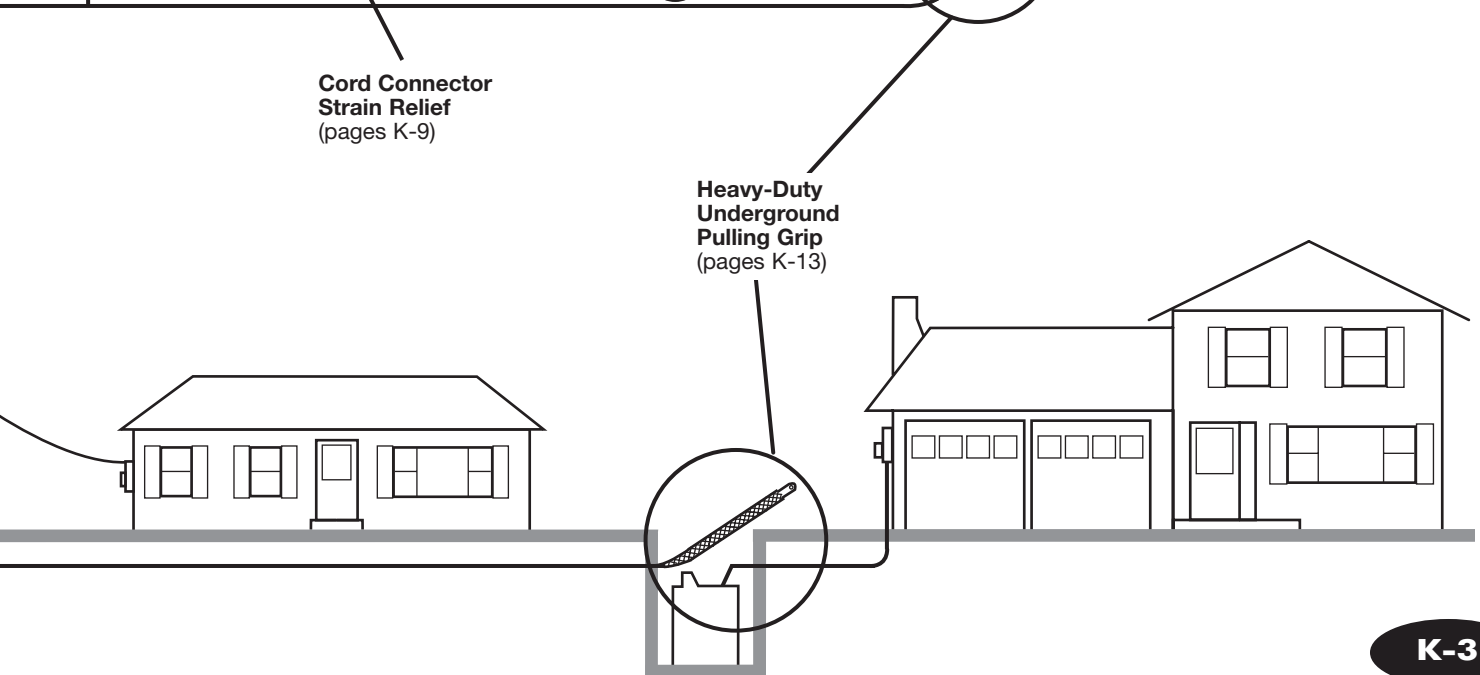
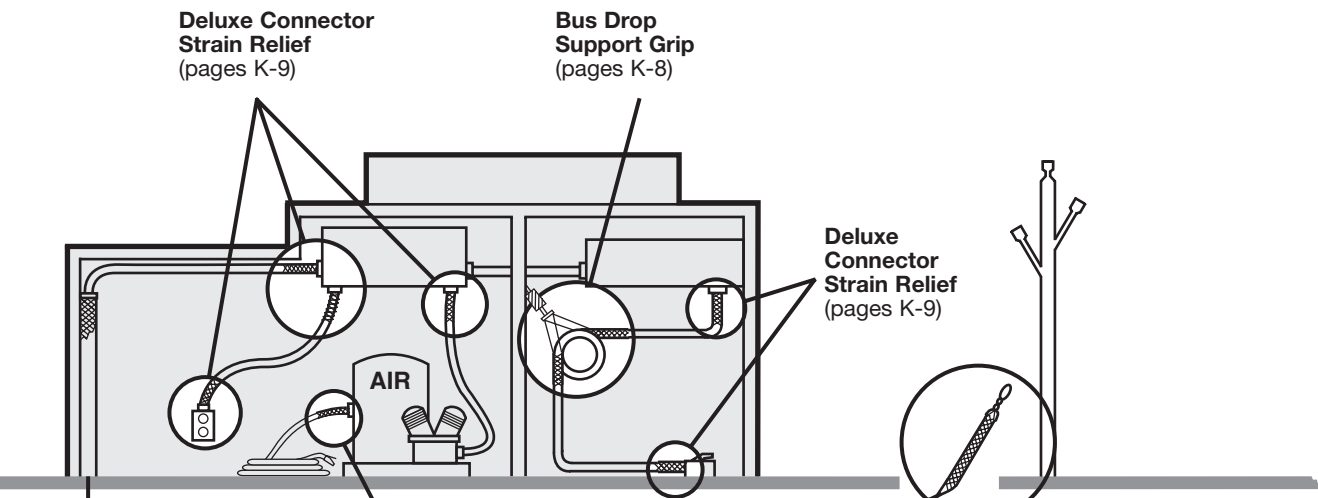
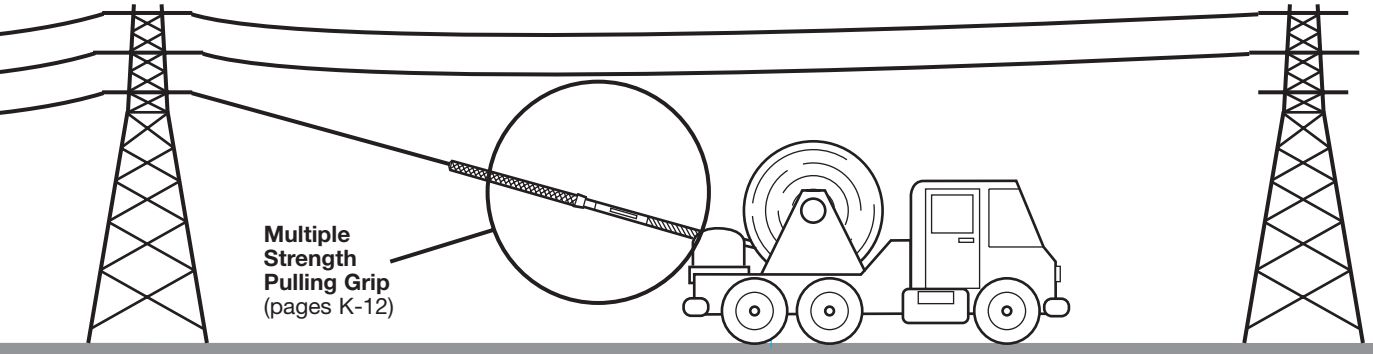
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Note: Conduit Riser Support Grips are no longer available.

Flexcor® Wire Mesh Grips Applications



For assistance in selecting Flexcor® Wire Mesh Grips, see pages K-16 and K-17.



Flexcor® Wire Mesh Grips Product Description

Application

Flexcor® Wire Mesh Grips are used to support cable or conductor after it has been installed, pull electrical cable or conductor into place, provide strain relief at the point of wiring connections. Flexcor® devices protect cables, relieve stress, and prevent cable pull-out from fittings and terminations.

Available in four different attachments. Load is distributed over entire length of grip and will not injure cable.

Support Grip Attachments			
Double Eye	Single Eye	Offset Eye	Locking Bail Eye

Strain Relief Grip Fittings			
Male Straight	Female Straight	Male 45°	Male 90°

Prevents pull-out or damage to cable due to constant motion or flexing. Also for Liquid-Tite®, hose and box connections.

Pulling Grips	
Flexible Eye	Swivel Eye

Assortment of rugged pulling grips available individually or in kits to make wire pulling easier.

Support Grip Mesh Types		
Closed Mesh	Split Lace Mesh	Split Rod Mesh

Available in three types and depends on availability of wire end.

Flexcor® Wire Mesh Grips Split Support Grip Lace & Rod Mesh Termination

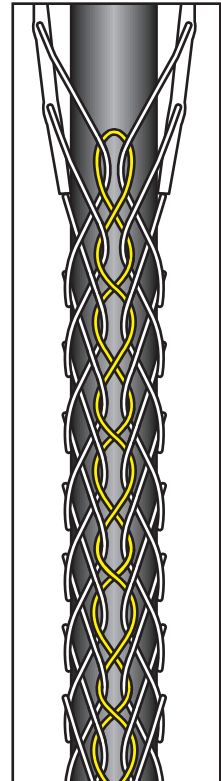
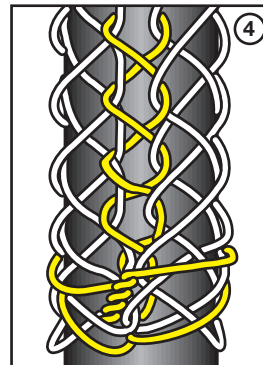
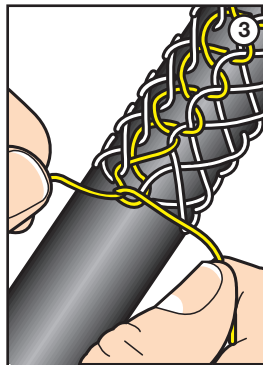
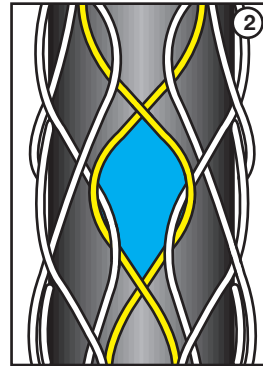
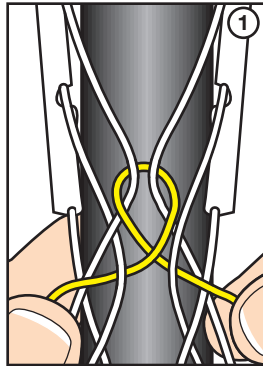
Pass & Seymour



Split Lace Support Grip Mesh Termination

For Split Lace mesh termination, Flexcor® single weave Split Lace grips are provided with an additional single lace, two laces are provided with each double weave Split Lace grip. Lace strands should be same material as the grip.

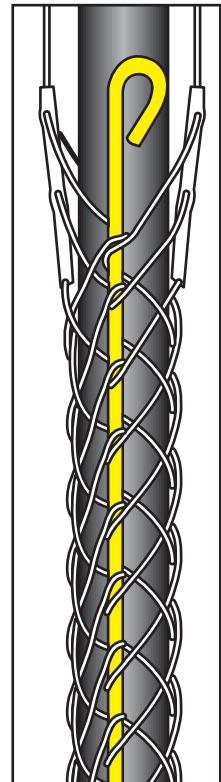
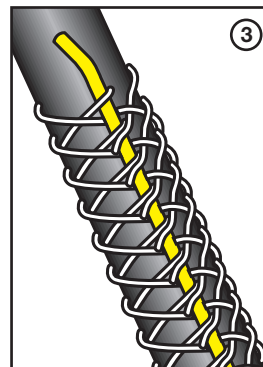
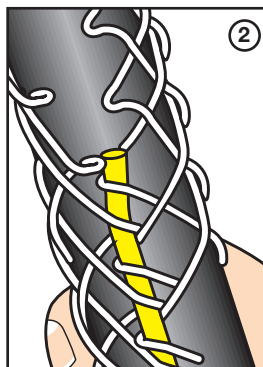
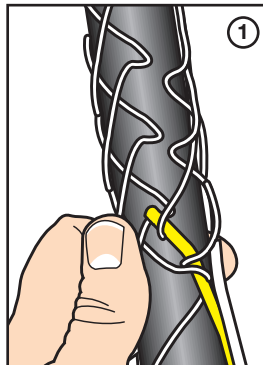
1. Wrap split mesh grip around cable. Start lacing at top or bottom end of mesh. Thread lace through first two loops of split mesh and pull through until the lace is centered at this point. Lace as you would your shoe, crossing laces before lacing the next two loops.
2. Leave a space between adjoining loops approximately equal to the width of one diamond of the mesh.
3. Twist ends of lace strands together at end of grip or tie in a knot.
4. Wrap ends of lace tightly around grip. Excess lace may be cut off.



Split Rod Support Grip Mesh Termination

For Split Rod mesh termination, a weaving rod is supplied with each grip. The open mesh passes around the rod and matches up with the open mesh from the opposite direction. Split Rod support grips are quick and easy to use and reusable.

1. Wrap split mesh grip around cable. Thread rod through the open loops in a weaving motion, using end of the rod to engage loops.
2. A steady push and twist motion is required. Use other hand to bring mesh loops together so as to weave through them.
3. To remove, pull rod out.





Flexcor® Wire Mesh Grips Support Grips

Application

- Used to hold or support the weight of stationary, flexible cable which has vertical or sloping runs.
- Absorbs strain or shock caused by vibration, expansion or contraction.
- Distribute the load evenly over the portion of the cable covered by the grip.
- For indoor or outdoor use.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine necessary break length.
- Determine environment (see note).
- Determine attachment type.
- Determine mesh type.
- Determine cable run length.

Features – Heavy Long Series

- Mesh is made of Tinned Bronze.
- For extreme corrosive environments, consult factory for special orders of stainless steel wire mesh.
- Applications for over 100 ft.
- Continuous loads over 600 lbs.

Features – Standard Closed Mesh Series

- Mesh is made of Tinned Bronze.
- For extreme corrosive environments, consult factory for special orders of stainless steel wire mesh.
- Applications for under 100 ft.
- Continuous loads under 600 lbs.
- When cable end is available.

	Catalog Number	Comparison Number	Approx. Break Strength	Length		Cable Dia. Range Inches
				Bail	Mesh	
Heavy Long Closed Mesh Double Eye Double Weave						
	FCHL075-UU	022-06-001	2700	10	26	.750-.990
	FCHL100-UU	022-06-002	4720	10	29	1.000-1.250
	FCHL125-UU	022-06-003	4720	10	31	1.250-1.490
	FCHL150-UU	022-06-004	4720	10	35	1.500-1.990
	FCHL200-UU	022-06-005	10800	10	37	2.000-2.490
	FCHL250-UU	022-06-006	10800	10	39	2.500-2.990
	FCHL300-UU	022-06-007	10800	10	41	3.000-3.490
	FCHL350-UU	022-06-008	13120	10	45	3.500-3.990
	FCHL400-UU	022-06-009	13120	10	47	4.000-4.490
Heavy Long Closed Mesh Single Eye Double Weave						
	FCHL075-U	022-06-010	2700	10	26	.750-.990
	FCHL100-U	022-06-011	4720	10	29	1.000-1.240
	FCHL125-U	022-06-012	4720	10	31	1.250-1.490
	FCHL150-U	022-06-013	4720	10	35	1.500-1.990
	FCHL175-U		4720	10	36	1.750-2.000
	FCHL250-U		4720	10	39	2.500-3.000
Heavy Long Split Lace Double Eye Double Weave						
	FSHL075-UU	022-07-001	2700	10	26	.750-.990
	FSHL100-UU	022-07-002	4720	10	29	1.000-1.240
	FSHL125-UU	022-07-003	4720	10	31	1.250-1.490
	FSHL150-UU	022-07-004	4720	10	35	1.500-1.990
	FSHL200-UU	022-07-005	10800	10	37	2.000-2.490
	FSHL250-UU	022-07-006	10800	10	39	2.500-2.990
	FSHL300-UU	022-07-007	10800	10	41	3.000-3.490
	FSHL350-UU	022-07-008	13120	10	45	3.500-3.990
	FSHL400-UU	022-07-009	13120	10	47	4.000-4.490
Heavy Long Split Lace Single Eye Double Weave						
	FSHL050-U		770	10	17	.500-.610
	FSHL075-U	022-07-010	2700	10	26	.750-.990
	FSHL100-U	022-07-011	4720	10	29	1.000-1.240
	FSHL125-U	022-07-012	4720	10	31	1.250-1.490
	FSHL150-U	022-07-013	4720	10	35	1.500-1.990

	Catalog Number	Comparison Number	Approx. Break Strength	Length		Cable Dia. Range Inches
				Bail	Mesh	
Closed Mesh Double Eye Single Weave						
	FC050-UU	022-01-001	770	4	11	.500-.610
	FC062-UU	022-01-002	1150	4	11	.620-.740
	FC075-UU	022-01-003	1320	4	14	.750-.990
	FC100-UU	022-01-005	1920	5	15	1.000-1.240
	FC125-UU	022-01-006	1920	5	16	1.250-1.490
	FC150-UU	022-01-007	1920	6	18	1.500-1.740
	FC175-UU	022-01-008	3150	6	20	1.750-1.990
	FC200-UU	022-01-009	3360	6	22	2.000-2.490
	FC250-UU	022-01-010	3360	6	24	2.500-2.990
	FC300-UU	022-01-011	5280	8	26	3.000-3.490
	FC350-UU	022-01-012	5280	8	28	3.500-3.990
Closed Mesh Single Eye Single Weave						
	FC050-U	022-01-013	770	7	11	.500-.610
	FC062-U	022-01-014	960	8	11	.620-.740
	FC075-U	022-01-015	1300	8	14	.750-.990
	FC100-U	022-01-017	1680	9	15	1.000-1.240
	FC125-U	022-01-018	1680	10	16	1.250-1.490
	FC150-U	022-01-019	1680	12	18	1.500-1.740
	FC175-U	022-01-020	2640	14	20	1.750-1.990
	FC200-U	022-01-021	3760	16	22	2.000-2.490
	FC250-U	022-01-022	3760	18	24	2.500-2.990
	FC300-U	022-01-023	5040	21	26	3.000-3.490
	FC350-U	022-01-024	5040	24	28	3.500-3.990
Closed Mesh Offset Eye Single Weave						
	FC050-OF	022-01-037	770	4	11	.500-.610
	FC062-OF	022-01-038	960	4	11	.620-.740
	FC075-OF	022-01-039	960	4	14	.750-.990
	FC100-OF	022-01-041	1680	5	15	1.000-1.240
	FC125-OF	022-01-042	1680	5	16	1.250-1.490
	FC150-OF	022-01-043	1680	5	18	1.500-1.740
	FC175-OF	022-01-044	2640	6	20	1.750-1.990
	FC200-OF	022-01-045	3760	6	21	2.000-2.490
	FC250-OF	022-01-046	3760	8	24	2.500-2.990
	FC300-OF	022-01-047	5040	9	26	3.000-3.490
	FC350-OF	022-01-048	5040	9	28	3.500-3.990
Closed Mesh Locking Bail Single Weave						
	FC050-LB	022-01-051	770	18	11	.500-.610
	FC062-LB	022-01-052	1150	18	11	.620-.740
	FC075-LB	022-01-053	1320	18	14	.750-.990
	FC100-LB	022-01-050	1920	18	15	1.000-1.240
	FC125-LB	022-01-054	1920	18	16	1.250-1.490
	FC150-LB	022-01-055	1920	18	18	1.500-1.740
	FC175-LB	022-01-056	3150	18	20	1.750-1.990
	FC200-LB	022-01-057	3360	18	21	2.000-2.490
	FC250-LB	022-01-058	3360	18	24	2.500-2.990
	FC300-LB	022-01-059	5280	18	26	3.000-3.490
	FC350-LB	022-01-060	5280	18	28	3.500-3.990

For larger sizes, using split lace is recommended.

Note: All products listed are available in Stainless Steel. Contact factory for price and availability.

Flexcor® Wire Mesh Grips Support Grips

Pass & Seymour



Flexcor® Wire Mesh Grips

Support Grips

Features – Standard Split Lace & Split Rod Series

- Mesh is made of Tinned Bronze.
- For extreme corrosive environments, consult factory for special orders of stainless steel wire mesh.
- Applications for under 100 ft.
- Continuous loads under 600 lbs.
- When cable end is not available.

	Catalog Number	Comparison Number	Approx. Break Strength	Length		Cable Dia. Range Inches
				Bail	Mesh	
Split Lace Double Eye Single Weave						
	FS050-UU	022-02-001	770	4	11	.500-.610
	FS062-UU	022-02-002	1150	4	11	.620-.740
	FS075-UU	022-02-003	1320	4	14	.750-.990
	FS100-UU	022-02-005	1920	5	15	1.000-1.240
	FS125-UU	022-02-006	1920	5	16	1.250-1.490
	FS150-UU	022-02-007	1920	5	18	1.500-1.740
	FS175-UU	022-02-008	3150	6	20	1.750-1.990
	FS200-UU	022-02-009	3360	6	22	2.000-2.490
	FS250-UU	022-02-010	3360	6	24	2.500-2.990
	FS300-UU	022-02-011	5280	8	26	3.000-3.490
	FS350-UU	022-02-012	5280	8	28	3.500-3.990
Split Lace Single Eye Single Weave						
	FS050-U	022-02-013	770	7	11	.500-.610
	FS062-U	022-02-014	960	8	11	.620-.740
	FS075-U	022-02-015	1320	8	14	.750-.990
	FS100-U	022-02-017	1680	9	15	1.000-1.240
	FS125-U	022-02-018	1680	10	16	1.250-1.490
	FS150-U	022-02-019	1680	12	18	1.500-1.740
	FS175-U	022-02-020	2640	14	20	1.750-1.990
	FS200-U	022-02-021	3760	16	22	2.000-2.490
	FS250-U	022-02-022	3760	18	24	2.500-2.990
	FS300-U	022-02-023	5040	21	26	3.000-3.490
	FS350-U	022-02-024	5040	24	28	3.500-3.990
Split Lace Offset Eye Single Weave						
	FS050-OF	022-02-037	770	4	11	.500-.610
	FS062-OF	022-02-038	960	4	11	.620-.740
	FS075-OF	022-02-039	960	4	14	.750-.990
	FS100-OF	022-02-041	1680	5	15	1.000-1.240
	FS125-OF	022-02-042	1680	5	16	1.250-1.490
	FS150-OF	022-02-043	1680	5	18	1.500-1.740
	FS175-OF	022-02-044	2640	6	20	1.750-1.990
	FS200-OF	022-02-045	3760	6	22	2.000-2.490
	FS250-OF	022-02-046	3760	6	24	2.500-2.990
	FS300-OF	022-02-047	5040	9	26	3.000-3.490
	FS350-OF	022-02-048	5040	9	28	3.500-3.990
Split Lace Locking Bail Single Weave						
	FS050-LB	022-02-050	770	18	11	.500-.610
	FS062-LB	022-02-051	1150	18	11	.620-.740
	FS075-LB	022-02-052	1320	18	14	.750-.990
	FS100-LB	022-02-054	1920	18	15	1.000-1.240
	FS125-LB	022-02-055	1920	18	16	1.250-1.490
	FS150-LB	022-02-056	1920	18	18	1.500-1.740
	FS175-LB	022-02-057	3150	18	20	1.750-1.990
	FS200-LB	022-02-058	3360	18	22	2.000-2.490
	FS250-LB	022-02-059	3360	18	24	2.500-2.990
	FS300-LB	022-02-060	5280	18	26	3.000-3.490
	FS350-LB	022-02-061	5280	18	28	3.500-3.990

Note: All products listed are available in Stainless Steel.
Contact factory for price and availability.

	Catalog Number	Comparison Number	Approx. Break Strength	Length		Cable Dia. Range Inches	
				Bail	Mesh		
Split Rod Double Eye Single Weave							
	FR050-UU	022-03-001	770	4	9	.500-.610	
	FR062-UU	022-03-002	1150	4	9	.620-.740	
	FR075-UU	022-03-003	1320	4	11	.750-.990	
	FR100-UU	022-03-005	1920	5	13	1.000-1.240	
	FR125-UU	022-03-006	1920	5	15	1.250-1.490	
	FR150-UU	022-03-007	1920	5	16	1.500-1.740	
	FR175-UU	022-03-008	3150	6	17	1.750-1.990	
	FR200-UU*	022-03-009	3360	6	20	2.000-2.490	
	Split Rod Single Eye Single Weave						
		FR050-U	022-03-013	770	7	9	.500-.610
FR062-U		022-03-014	960	8	9	.620-.740	
FR075-U		022-03-015	1320	8	11	.750-.990	
FR100-U		022-03-017	1680	9	13	1.000-1.240	
FR125-U		022-03-018	1680	10	15	1.250-1.490	
FR150-U		022-03-019	1680	12	16	1.500-1.740	
FR175-U		022-03-020	2640	14	17	1.750-1.990	
FR200-U*	022-03-021	3760	16	20	2.000-2.490		
Split Rod Offset Eye Single Weave							
	FR050-OF	022-03-037	770	4	9	.500-.610	
	FR062-OF	022-03-038	960	4	9	.620-.740	
	FR075-OF	022-03-039	960	4	11	.750-.990	
	FR100-OF	022-03-041	1680	5	13	1.000-1.240	
	FR125-OF	022-03-042	1680	5	15	1.250-1.490	
	FR150-OF	022-03-043	1680	5	16	1.500-1.740	
	FR175-OF	022-03-044	2640	6	17	1.750-1.990	
FR200-OF*	022-03-045	3760	6	20	2.000-2.490		
Split Rod Locking Bail Single Weave							
	FR050-LB	022-03-064	770	18	9	.500-.610	
	FR062-LB	022-03-065	1150	18	9	.620-.740	
	FR075-LB	022-03-066	1320	18	11	.750-.990	
	FR100-LB	022-03-068	1920	18	13	1.000-1.240	
	FR125-LB	022-03-069	1920	18	15	1.250-1.490	
	FR150-LB	022-03-070	1920	18	16	1.500-1.740	
	FR175-LB	022-03-071	3150	18	17	1.750-1.990	
FR200-LB*	022-03-072	3360	18	20	2.000-2.490		

*For larger sizes, using split lace is recommended.

Pass & Seymour



Flexcor® Wire Mesh Grips Service Drop & Bus Drop Grips & Accessories

Application – Service Drop Support Grips

- Made to support utility distribution lines from service pole to building or from service pole to service pole.
- Service drop grips are designed for shorter cables with smaller diameters.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine necessary break length.
- Determine environment (see note).
- Determine attachment type.
- Determine mesh type.

Features

- Mesh is made of Tinned Bronze.
- For extreme corrosive environments, consult factory for special orders of stainless steel wire mesh.
- Available in various lengths.
- Ease of installation.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches	
Service Drop Single Eye						
	FCSD22	022-16-001	290	4	.220-.320	
	FCSD30	022-16-002 022-16-003	500	5	.300-.430	
	FCSD40	022-16-004 022-16-005	500	5	.400-.560	
	FCSD52	022-16-006 022-16-007 022-16-008	790	8	.520-.730	
	FCSD70	022-16-009 022-16-010 022-16-011 022-16-012	1020	9	.700-.970	
	FCSD94*	022-16-013 022-16-014 022-16-015	1020	11	.940-1.250	
	Service Drop Locking Bail					
		FCSD22-LB	022-16-016	290	4	.220-.320
		FCSD30-LB	022-16-017 022-16-018	500	5	.300-.430
		FCSD40-LB	022-16-019 022-16-020	500	5	.400-.560
FCSD52-LB		022-16-021 022-16-022 022-16-023	790	8	.520-.730	
FCSD70-LB		022-16-024 022-16-025 022-16-026 022-16-027	1020	9	.700-.970	
FCSD94-LB*		022-16-028 022-16-029 022-16-030	1020	11	.940-1.250	

*UL514B Listed.

Note: All products listed are available in Stainless Steel. Contact factory for price and availability.

Application – Bus Drop Grips

- Made to support flexible cord or bus drop cable at bus duct.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine necessary break length.
- Determine environment (see note).
- Determine attachment type.
- Determine mesh type.

Features

- Mesh is made of single weave Galvanized Steel.
- Available in various lengths.
- For extremely corrosive environments, consult factory for special orders of stainless steel wire mesh.
- Ease of installation.
- CSA C22.2 18.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
Bus Drop Single Eye					
	FC22	073-04-1276	1100	3.5	.220-.320
	FC30	073-04-1277	1100	4.5	.300-.430
	FC40	073-04-1278	1100	5	.410-.560
	FC52	073-04-1279	1800	6.5	.530-.730
	FC70	073-04-1280 073-04-1281	1900	8.5	.700-.850 .820-1.000
	FC94	073-04-1282	1900	11	.960-1.250
Bus Drop Locking Bail					
	FC22-LB	073-04-1283	1100	3.5	.220-.320
	FC30-LB	073-04-1284	1100	4.5	.300-.430
	FC40-LB	073-04-1285	1100	5	.410-.560
	FC52-LB	073-04-1286	1800	6.5	.530-.730
	FC70-LB	073-04-1287 073-04-1288	1900	8.5	.700-.850 .820-1.000
	FC94-LB	073-04-1289	1900	11	.960-1.250

Note: Many of these products listed are available in Stainless Steel. Contact factory for price and availability.

Application – Accessories

Safety Springs and Support Hooks – use in conjunction with support grips.

	Catalog Number	Comparison Number
Safety Springs		
	S40	203-02-001
	S80	203-02-002
Support Hooks		
	GH5	203-03-001

All devices listed on this page conform to NEMA WD-1 and WD-6.

Flexcor® Wire Mesh Grips Strain Relief Deluxe Cord Grips

Pass & Seymour





Application – Strain Relief Deluxe Cord Grips



- Used to prevent pull out or damage due to flexure of electrical cord or cable entering enclosures, motors or other equipment.
- Absorbs vibration and controls the arc of bend, providing a watertight seal. For indoor or outdoor use.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine environment (see note).
- Determine attachment fitting type, insulation requirements and fitting size.

	Catalog Number	Comparison Number	Fitting Size Inches	Cord Dia. Range Inches
Male Straight				
	CG405	074-01-006	1/2	.250-.300
	CG406	074-01-006	1/2	.310-.375
	CG407	074-01-008	1/2	.375-.430
	CG408	074-01-008	1/2	.440-.500
	CG409	074-01-010	1/2	.500-.550
	CG410	074-01-010	1/2	.560-.625
	CG411	074-01-1247	1/2	.625-.750
	CG606	074-01-013	3/4	.250-.375
	CG607	074-01-015	3/4	.375-.440
	CG608	074-01-015	3/4	.440-.500
	CG609	074-01-017	3/4	.500-.550
	CG610	074-01-017	3/4	.560-.625
	CG611	074-01-018	3/4	.625-.670
	CG612	074-01-018	3/4	.670-.750
	CG809	074-01-019	1	.437-.562
	CG811	074-01-019	1	.562-.687
	CG812	074-01-021	1	.625-.750
	CG814	074-01-023	1	.750-.875
	CG816	074-01-025	1	.875-1.000
	CG1016	074-01-026	1-1/4	.875-1.000
	CG1018	074-01-027	1-1/4	1.000-1.125
	CG1020	074-01-028	1-1/4	1.125-1.250
CG1022	074-01-1178	1-1/4	1.250-1.375	
CG1218	074-01-030	1-1/2	1.000-1.125	
CG1220	074-01-031	1-1/2	1.125-1.250	
CG1222	074-01-032	1-1/2	1.250-1.375	
Female Straight				
	CG405-F	074-01-041	1/2	.250-.300
	CG406-F	074-01-041	1/2	.310-.375
	CG407-F	074-01-043	1/2	.375-.430
	CG408-F	074-01-043	1/2	.440-.500
	CG409-F	074-01-045	1/2	.500-.550
	CG410-F	074-01-045	1/2	.560-.625
	CG608-F	074-01-050	3/4	.375-.500
	CG609-F	074-01-052	3/4	.500-.550
	CG610-F	074-01-052	3/4	.560-.625
	CG611-F	074-01-053	3/4	.625-.670
	CG612-F	074-01-053	3/4	.670-.750
	CG813-F	074-01-056	1	.625-.750
	CG814-F	074-01-058	1	.750-.875
	CG816-F	074-01-060	1	.875-1.000
	CG1016-F	074-01-061	1-1/4	.875-1.000
	CG1018-F	074-01-062	1-1/4	1.000-1.125
	CG1020-F	074-01-063	1-1/4	1.125-1.250
	CG1022-F	074-01-063	1-1/4	1.250-1.375
	CG1218-F	074-01-065	1-1/2	1.000-1.125
	CG1220-F	074-01-066	1-1/2	1.125-1.250
	CG1222-F	074-01-067	1-1/2	1.250-1.375

Features	
■ Mesh is made of double weave Stainless Steel.	■ Ease of installation.
■ Fitting is made of Diecast Aluminum.	■ UL514B Listed.
■ Available in various attachments.	■ CSA C22.2 18.

	Catalog Number	Comparison Number	Fitting Size Inches	Cord Dia. Range Inches
Male 45 Degree				
	CG405-45	074-01-1236	1/2	.250-.300
	CG406-45	074-01-1236	1/2	.310-.375
	CG407-45	074-01-1021	1/2	.375-.430
	CG408-45	074-01-1021	1/2	.440-.500
	CG409-45	074-01-1237	1/2	.500-.550
	CG410-45	074-01-1237	1/2	.560-.625
	CG608-45	074-01-1238	3/4	.375-.500
	CG609-45	074-01-1049	3/4	.500-.550
	CG610-45	074-01-1049	3/4	.560-.625
	CG611-45	074-01-1051	3/4	.625-.670
	CG612-45	074-01-1051	3/4	.670-.750
	CG813-45	074-01-1055	1	.625-.750
	CG814-45	074-01-1057	1	.750-.875
	CG816-45	074-01-1199	1	.875-1.000
	CG1016-45	074-01-1022	1-1/4	.875-1.000
	CG1018-45	074-01-1059	1-1/4	1.000-1.125
	CG1020-45	074-01-1060	1-1/4	1.125-1.250
	CG1022-45	074-01-1061	1-1/4	1.250-1.375
	CG1218-45	074-01-1063	1-1/2	1.000-1.125
	CG1220-45	074-01-1064	1-1/2	1.125-1.250
	CG1222-45	074-01-1065	1-1/2	1.250-1.375
	Male 90 Degree			
	CG405-90	074-01-076	1/2	.250-.300
	CG406-90	074-01-076	1/2	.310-.375
	CG407-90	074-01-078	1/2	.375-.430
	CG408-90	074-01-078	1/2	.440-.500
	CG409-90	074-01-080	1/2	.500-.550
	CG410-90	074-01-080	1/2	.560-.625
	CG608-90	074-01-081	3/4	.375-.500
	CG609-90	074-01-083	3/4	.500-.550
	CG610-90	074-01-083	3/4	.560-.625
	CG611-90	074-01-084	3/4	.625-.670
	CG612-90	074-01-084	3/4	.670-.750
	CG814-90	074-01-089	1	.750-.875
	CG816-90	074-01-091	1	.875-1.000
	CG1016-90	074-01-137	1-1/4	.875-1.000
	CG1018-90	074-01-108	1-1/4	1.000-1.125
	CG1020-90	074-01-1042	1-1/4	1.125-1.250
	CG1022-90	074-01-1043	1-1/4	1.250-1.375
	CG1218-90	074-01-1045	1-1/2	1.000-1.125
	CG1220-90	074-01-1046	1-1/2	1.125-1.250
	CG1222-90	074-01-1047	1-1/2	1.250-1.375

Pass & Seymour



Flexcor® Wire Mesh Grips Strain Relief Liquid-Tite® Conduit Grips

Application – Liquid-Tite® Conduit Grips

- Used on Liquid-Tite flexible metal conduit. Prevents conduit pull-out from connecting fitting subject to stress, tension and vibration.

Features

- Mesh is made of single weave Stainless Steel.
- Fitting is made of Diecast Steel.
- UL514B Listed.
- CSA C22.2 18.

Selection

- Refer to page K-17 for further assistance.
- Determine Liquid-Tite size.
- Determine whether insulated or non-insulated fitting required.
- Determine fitting type.

	Insulated Catalog Number	Comparison Number	Non-Insulated Catalog Number	Comparison Number	Fitting Size Inches
Male Straight					
	STB-38SF	074-09-3511	ST-38SF	074-09-3401	1/2 (3/8*)
	STB-50SF	074-09-3512	ST-50SF	074-09-3402	1/2
	STB-75SF	074-09-3513	ST-75SF	074-09-3403	3/4
	STB-100SF	074-09-3514	ST-100SF	074-09-3404	1
	STB-125SF	074-09-3515	ST-125SF	074-09-3405	1-1/4
	STB-150SF	074-09-3516	ST-150SF	074-09-3406	1-1/2
	STB-200SF	074-09-3518	ST-200SF	074-09-3408	2
	STB-250SF	074-09-3520	ST-250SF	074-09-3410	2-1/2
	STB-300SF	074-09-3522	ST-300SF	074-09-3412	3
	Male 45 Degree				
	STB-4538SF	074-09-3561	ST-4538SF	074-09-3441	1/2 (3/8*)
	STB-4550SF	074-09-3562	ST-4550SF	074-09-3442	1/2
	STB-4575SF	074-09-3563	ST-4575SF	074-09-3443	3/4
	STB-45100SF	074-09-3564	ST-45100SF	074-09-3444	1
	STB-45125SF	074-09-3565	ST-45125SF	074-09-3445	1-1/4
	STB-45150SF	074-09-3566	ST-45150SF	074-09-3446	1-1/2
	STB-45200SF	074-09-3568	ST-45200SF	074-09-3448	2
	STB-45250SF	074-02-097	ST-45250SF	074-09-3450	2-1/2
	STB-45300SF	074-02-098	ST-45300SF	074-09-3452	3
	Male 90 Degree				
	STB-9038SF	074-09-3541	ST-9038SF	074-09-3421	1/2 (3/8*)
	STB-9050SF	074-09-3542	ST-9050SF	074-09-3422	1/2
	STB-9075SF	074-09-3543	ST-9075SF	074-09-3423	3/4
	STB-90100SF	074-09-3544	ST-90100SF	074-09-3424	1
	STB-90125SF	074-09-3545	ST-90125SF	074-09-3425	1-1/4
	STB-90150SF	074-09-3546	ST-90150SF	074-09-3426	1-1/2
	STB-90200SF	074-09-3548	ST-90200SF	074-09-3428	2
	STB-90250SF	074-09-3550	ST-90250SF	074-09-3430	2-1/2
	STB-90300SF	074-09-3552	ST-90300SF	074-09-3432	3

	Catalog Number	Comparison Number	Fitting Size Inches
Female Straight			
	ST-38FSF	074-02-021	1/2 (3/8*)
	ST-50FSF	074-02-022	1/2
	ST-75FSF	074-02-023	3/4
	ST-100FSF	074-02-024	1

Note:

*The fitting thread size is 1/2" for 3/8" Liquid-Tite conduit.

2002 National Electrical Code® Section 368.8(B)(4) Branches from Busways.

Branches from busways shall be permitted to be made by the following: (4) Strain relief cable grips shall be provided for the cord or cable at the busway plug-in device and equipment terminations.

2002 National Electrical Code® Section 314.23(H) Pendant Boxes.

Boxes shall be permitted to be supported by pendants in accordance with the following: (1) Flexible Cord. Boxes shall be permitted to be supported from a multiconductor cord or cable in an approved manner that protects the conductors against strain, such as a strain-relief connector threaded into a box with a hub.

Flexcor® Wire Mesh Grips Box Connector Grips & Extra-Hard Use Strain Relief Grips

Pass & Seymour



Application – Box Connector Grips

- Provides a dust-tight seal, with Insulated Throat.
- Prevents cable pull-out.

Features
<ul style="list-style-type: none"> ■ Mesh is made of single weave <u>Galvanized Steel</u>. ■ Fitting is made of <u>Zinc Diecast</u>. ■ UL514B Listed. ■ CSA C22.2 18.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine fitting size.

	Catalog Number	Comparison Number	Fitting Size Inches	Cable Dia. Range Inches
Box Connector Dust Tight Insulated Throat				
	BOX22	073-03-1206	1/2	.220-.320
	BOX30	073-03-1207	1/2	.300-.400
	BOX40	073-03-1208	1/2	.400-.540
	BOX52	073-03-1209	3/4	.520-.730
	BOX70	073-03-1210	1	.700-.970
	BOX94	073-03-1211	1-1/4	.940-1.250
	BOX120	073-03-1212	1-1/2	1.200-1.500
	BOX140	073-03-1213	2	1.400-1.750

Note: Many of these products listed are available in Stainless Steel. Contact factory for price and availability.

Application – Extra-Hard Use (EHU) Strain Relief Grips

- To be used with Extra-Hard Use Straight Blade or Turnlok® Plugs and Connectors.

Features
<ul style="list-style-type: none"> ■ Mesh is made of single weave <u>Galvanized Steel</u>. ■ Controls cable arc-of-bend. ■ UL514B Listed. ■ CSA C22.2 18.

Selection

- Determine cable outside diameter.

	Catalog Number	Comparison Number	Cable Dia. Range Inches	Mesh Length
Extra-Hard Use (EHU) Strain Relief Grips				
	FC22-GL	—	.220-.320	4
	FC30-GL	073-10-001	.300-.430	5
	FC40-GL	073-10-002	.400-.560	5
	FC52-GL	073-10-003	.520-.730	9
	FC70-GL	073-10-004	.700-.940	7-1/2
	FC94-GL	073-10-005	.940-1.250	11-1/2

Note: Many of these products listed are available in Stainless Steel. Contact factory for price and availability.

Flexcor® Wire Mesh Grips Pulling Grips

Application – Pulling Grips

- Reusable tools for pulling one or more cables at a time.
- Provide a smooth and slim profile, reducing the chance of snagging and thus allowing cable to pass easily through ducts, sheaves and conduit.
- Grips can accommodate aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cable.

Swivel Eye vs. Flexible Eye

- **Swivel Eye:** for applications where there is a tendency for cable torque to build up. Will relieve pulling torque when tension is relieved.
- **Flexible Eye:** for relatively straight pulling jobs where there is less chance for torque to build up.

Selection

- Refer to page K-17 for further assistance.
- Determine cable outside diameter.
- Determine necessary break strength.
- Determine grip style.
- Determine attachment type.

Pulling Grip Styles


- **Multiple-Strength (MSPS, MSP)**
Used for overhead transmission and distribution line stringing.
- **Heavy-Duty (PS,P)**
Used for installation of underground power cables, communication lines, service lines into factories.
- **Medium-Duty (PM)**
Used for underground electrical construction on light to medium pulls.
- **Light-Duty (PL)**
Used for general underground electrical construction where pulling tensions are low.
- **Junior-Duty (PJ)**
Used for pulling building wire at low tension, through conduit.
- **Slack Grips (SCK, SSK)**
Used for pulling slack from cable, remove underground cable.


Features

- Mesh is made of Galvanized Steel.
- Both Swivel Eye and Flexible Eye mate readily with ball bearing type swivels.

Application – Flexcor Multiple Strength Pulling Grips

- Use for overhead transmission line stringing or underground pulling of electrical and communication cable.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Swivel Eye Single-Double-Triple Weave					
	MSPS025	033-02-016	6800	26	.250-.490
	MSPS050	033-02-018	10000	32	.500-.740
	MSPS075	033-02-020	14400	41	.750-.990
	MSPS100	033-02-022	24600	52	1.000-1.240
	MSPS125	033-02-024	30600	56	1.250-1.490
	MSPS150	033-02-026	30600	60	1.500-1.740
	MSPS175	033-02-028	48000	70	1.750-2.240
	MSPS200	033-02-066	48000	50	2.000-2.490
	MSPS250	033-02-097	48000	52	2.500-2.990
	MSPS300	033-02-1030	48000	54	3.000-3.490
	MSPS350	033-02-1031	48000	56	3.500-3.990

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Flexible Eye Single-Double-Triple Weave					
	MSP025	033-02-044	6800	26	.250-.490
	MSP050	033-02-046	10000	32	.500-.740
	MSP075	033-02-048	14400	41	.750-.990
	MSP100	033-02-050	24600	52	1.000-1.240
	MSP125	033-02-052	30600	56	1.250-1.490
	MSP150	033-02-054	30600	60	1.500-1.740
	MSP175	033-02-056	48000	70	1.750-2.240
	MSP200	033-02-1078	48000	50	2.000-2.490
	MSP250	033-02-1079	48000	52	2.500-2.990
	MSP300	033-02-1080	48000	54	3.000-3.490
	MSP350	033-02-1081	48000	56	3.500-3.990

Flexcor® Wire Mesh Grips Heavy-Duty & Medium-Duty Pulling Grips

Pass & Seymour



Flexcor® Wire Mesh Grips

Heavy-Duty & Medium-Duty Pulling Grips

Application – Flexcor Heavy-Duty Pulling Grips

■ For installation of underground power cables, communication lines, service lines into factories.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Swivel Eye Double Weave Short Series					
	PS050-1	033-01-001	5600	11	.500-.610
	PS062-1	033-01-002	6800	11	.620-.740
	PS075-1	033-01-013	9600	20	.750-.990
	PS100-1	033-01-014	16400	20	1.000-1.240
	PS125-1	033-01-016	16400	21	1.250-1.490
	PS150-1	033-01-017	27200	25	1.500-1.740
	PS200-1	033-01-018	33000	26	2.000-2.490
	PS250-1	033-01-019	41000	28	2.500-2.990
	PS300-1	033-01-020	48000	30	3.000-3.490
	PS350-1	033-01-021	48000	32	3.500-3.990
	PS400-1	033-01-1017	48000	33	4.000-4.490
Standard Series					
	PS050-2	033-01-011	5600	16	500-.610
	PS062-2	033-01-012	6800	16	.620-.740
	PS075-2	033-01-024	9600	32	.750-.990
	PS100-2	033-01-025	16400	33	1.000-1.240
	PS150-2	033-01-026	16400	34	1.500-1.740
	PS200-2	033-01-027	27200	36	2.000-2.490
	PS250-2	033-01-028	33000	38	2.500-2.990
	PS300-2	033-01-029	41000	39	3.000-3.490
	PS350-2	033-01-030	48000	41	3.500-3.990
	PS400-2	033-01-031	48000	42	4.000-4.490
	PS450-2	033-01-039	48000	58	4.500-4.990
	PS500-2	033-01-047	48000	60	5.000-5.990
	PS600-2	033-01-045	48000	66	6.000-6.990

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Flexible Eye Double Weave Short Series					
	P050-1	033-04-1082	4500	21	.500-.610
	P062-1	033-04-1083	5600	24	.620-.740
	P075-1	033-04-1084	6800	24	.750-.990
	P100-1	033-04-1085	9600	24	1.000-1.490
	P150-1	033-04-1086	16400	24	1.500-1.990
	P200-1	033-04-1087	18500	24	2.000-2.490
	P250-1	033-04-1088	24500	24	2.500-2.990
	P300-1	033-04-1089	24500	24	3.000-3.490
	P350-1	033-04-1090	31000	26	3.500-3.990
	Standard Series				
	P075-2	033-04-1091	6800	36	.750-.990
	P100-2	033-04-1092	9600	36	1.000-1.490
	P150-2	033-04-1093	16400	36	1.500-1.990
	P200-2	033-04-1094	18500	36	2.000-2.490
	P250-2	033-04-1095	24500	36	2.500-2.990
	P300-2	033-04-1096	24500	36	3.000-3.490
	P350-2	033-04-1097	31000	40	3.500-3.990

Application – Flexcor Medium-Duty Pulling Grips

■ Used for underground electrical construction on light to medium pulls.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Flexible Eye Double Weave					
	PM037		2600	12	.370-.490
	PM050		3400	14	.500-.740
	PM075		5500	18	.750-.990
	PM100		8100	22	1.000-1.240
	PM125		8100	24	1.250-1.490
	PM150		8100	26	1.500-1.990


Cat. No.	Description
PM1KIT	Contains 1 each of sizes listed above. Ideal for general electrical construction where medium-duty wire is utilized.


Flexcor® Wire Mesh Grips

Light-Duty & Junior-Duty Pulling Grips

Application – Flexcor Light-Duty Pulling Grips


- Used in general underground electrical construction where pulling tensions are low.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Flexible Eye Single Weave Short Series					
	PL050-1	033-03-001	3400	11	.500-.610
	PL062-1	033-03-002	4100	11	.620-.740
	PL075-1	033-03-003	4100	13	.750-.990
	PL100-1	033-03-004	5800	14	1.000-1.240
	PL125-1	033-03-005	5800	15	1.250-1.490
	PL150-1	033-03-006	7500	16	1.500-1.740
	PL175-1	033-03-007	10000	18	1.750-1.990
	PL200-1	033-03-008	10000	19	2.000-2.490
	PL250-1	033-03-009	13000	19	2.500-2.990

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
Medium Series					
	PL050-2	033-03-010	3400	16	.500-.610
	PL062-2	033-03-011	4100	16	.620-.740
	PL075-2	033-03-012	4100	20	.750-.990
	PL100-2	033-03-013	7500	20	1.000-1.240
	PL125-2	033-03-015	7500	22	1.250-1.490
	PL150-2	033-03-016	7500	25	1.500-1.990
	PL200-2	033-03-017	10000	26	2.000-2.490
	PL250-2	033-03-018	13000	28	2.500-2.990
	PL300-2	033-03-019	16200	30	3.000-3.490

Application – Flexcor Junior-Duty Pulling Grips

- Used for pulling building wire at low tension, through conduit.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
With Flexible Eye Single Weave					
	PJ25	033-05-001	1700	5	.250-.360
	PJ37	033-05-002	1700	7	.370-.490
	PJ50	033-05-003	1700	8	.500-.610
	PJ62	033-05-004	2800	10	.620-.740
	PJ75	033-05-005	2100	10	.750-.990
	PJ100	033-05-006	2100	12	1.000-1.240

Cat. No.	Description
PJ1KIT	Contains 1 each of sizes listed above. Ideal for electrical contractors and plant electricians for pulling light-duty wire through conduit. Comparison Number: 033-05-1114.

Flexcor® Wire Mesh Grips Slack Pulling Grips

Pass & Seymour



Application – Slack Pulling Grips

- Used for removing already installed cable or for pulling out slack before final placement of new cable.

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
Closed Mesh Double Weave Short Series					
	SCK075-1	033-08-003	3000	13	.750-.990
	SCK100-1	033-08-004	4200	16	1.000-1.240
	SCK125-1	033-08-005	5500	17	1.250-1.490
	SCK150-1	033-08-006	7400	18	1.500-1.740
	SCK175-1	033-08-007	11000	19	1.750-1.990
	SCK200-1	033-08-008	11000	20	2.000-2.490
	SCK250-1	033-08-009	11000	21	2.500-2.990
	SCK300-1	033-08-010	16000	22	3.000-3.490
	SCK350-1	033-08-011	16000	23	3.500-3.990
	Closed Mesh Double Weave Standard Series				
	SCK075-2	033-08-012	3000	21	.750-.990
	SCK100-2	033-08-013	5500	21	1.000-1.240
	SCK125-2	033-08-014	5500	24	1.250-1.490
	SCK150-2	033-08-015	7400	26	1.500-1.740
	SCK200-2	033-08-016	11000	27	2.000-2.490
	SCK250-2	033-08-017	11000	30	2.500-2.990
	SCK300-2	033-08-018	16000	33	3.000-3.490
	SCK350-2	033-08-019	16000	36	3.500-3.990

	Catalog Number	Comparison Number	Approx. Break Strength	Mesh Length	Cable Dia. Range Inches
Split Lace Double Weave Short Series					
	SSK075-1	033-09-003	3000	13	.750-.990
	SSK100-1	033-09-004	4100	16	1.000-1.240
	SSK125-1	033-09-005	4100	17	1.250-1.490
	SSK150-1	033-09-006	5500	18	1.500-1.740
	SSK175-1	033-09-007	7300	19	1.750-1.990
	SSK200-1	033-09-008	7300	20	2.000-2.490
	SSK250-1	033-09-009	7300	21	2.500-2.990
	SSK300-1	033-09-010	9200	22	3.000-3.490
	SSK350-1	033-09-011	11000	23	3.500-3.990
	Split Lace Double Weave Standard Series				
	SSK075-2	033-09-012	3000	21	.750-.990
	SSK100-2	033-09-013	4100	21	1.000-1.240
	SSK125-2	033-09-014	4100	24	1.250-1.490
	SSK150-2	033-09-015	5500	25	1.500-1.740
	SSK200-2	033-09-016	7300	27	2.000-2.490
	SSK250-2	033-09-017	7300	30	2.500-2.990
	SSK300-2	033-09-018	9200	33	3.000-3.490
	SSK350-2	033-09-019	11000	36	3.500-3.990

Flexcor® Wire Mesh Grips Cable Grip Selection Charts

1. How to determine the cable outside diameter or circumference range?

- Measure the diameter of the cable or use a cloth tape rule to measure around the end of the cable.
- Use the Cable Size Chart or the Portable Cord Size Chart on page K-17.

2. How many cables are in the grip?

Single Cable

Measure the diameter or circumference and use the Cable Diameter/Circumference Conversion Chart.

Multi-Cable with Cables of Equal Diameter

Use the Multiple Cable Selection Chart. Under the Number of Cables in One Grip, find diameter range of a single cable under the appropriate number of cables column.

Multi-Cable with Cables of Different Diameter

Band or tightly tape the end of the cable, measure circumference using a cloth tape rule and use the Diameter/Circumference Chart to find the diameter range.

3. Tension and Weight Support

Establish the workload requirement

Example:	Max. Approx Break Strength Requirement	Safety Factor	Cable Run Weight (lbs.)	Catalog #
Support:	1,680	/ 10	168	FC150-U
Pulling:	27,200	/ 5	5,440	PS200-2

4. Determine the Environment?

Dry: Galvanized Steel Mesh is recommended for applications not subject to continuous outside environments.

Harsh: Tin Coated Bronze Mesh is recommended for normal indoor & outdoor applications.

Corrosive: Stainless Steel Mesh is recommended for any indoor or outdoor environments which are highly abusive and may be subjected to harsh chemicals.

5. Determine the Attachment Type?

Single Eye: For use when cable is vertical; for applications where cable bends, or where a single attachment is more advantageous for positioning.

Double Eye: For use when cable is vertical and extends through grip without bending. Eyes may be fastened to open hooks but should not be more than 15° from axis of vertical cable.

Offset Eye: Similar to single eye applications, but for use when offset positioning is required.

Locking (Universal) Bail: Adjustable and self-locking, this attachment may be used around a beam, pipe or other continuous structural objects.

6. Determine the Mesh Type?

Closed Mesh: (catalog number prefix "FC"): **For permanent support when cable end is available** to be installed through grip.

Split Lace: (catalog number prefix "FS"): **For permanent support when cable end is NOT available.** With additional lace supplied, weave lace through mesh around cable (like a shoe lace). When completely laced, twist strands together or tie in a knot.

Split Rod: (catalog number prefix "FR"): **For temporary support when cable end is NOT available.** Wrap grip around cable; using twisting motion, thread the rod through the split mesh.

Check the length and weight of cable run to determine minimum holding strength required, leaving a comfortable safety factor.

Standard Series: is used for vertical runs to 99 feet; **continuous loads 10-599 pounds**; cable diameter 1/2 inch to 4 inches.

Heavy Long Series: is double weave and is used for vertical runs over 100 feet; **continuous loads over 600 pounds**; cable diameter 3/4 inch to 4 inches.

Flexcor® Wire Mesh Grips

Considerations Regarding Approximate Safety Factors, and Safe Working Loads

The approximate breaking strength of any Pass & Seymour Wire Mesh Cable Grip is based on the working load information established by Pass & Seymour engineering laboratories. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameters, gripping surfaces, number of items gripped, tension, movement, attachments, abrasion, corrosion, prior use, or abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

For specific applications where strength and holding power are important, consult the manufacturer. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and 10 for support grips. Pass & Seymour maintains a 6 sigma safety factor for pulling grips and a 5 sigma safety factor for support grips for these recommended working loads (using average break strengths obtained on new grips under lab test conditions).

All warranties concerning product quality or performance are based on wire mesh grips that are properly stored and handled by the user, and grips that are maintained and inspected at a proper frequency in keeping with their use and condition.

Flexcor® Wire Mesh Grips Cable Grip Selection Charts

Pass & Seymour



Cable Diameter/ Circumference Conversion Chart	
Diameter Range	Grip Circumference Range
.25"- .37"	.78"-1.16"
.37"- .50"	1.16"-1.57"
.50"- .61"	1.57"-1.95"
.62"- .74"	1.95"-2.36"
³ / ₄ "-1"	2.36"-3.14"
1"-1 ¹ / ₄ "	3.14"-3.93"
1 ¹ / ₄ "-1 ¹ / ₂ "	3.93"-4.71"
1 ¹ / ₂ "-1 ³ / ₄ "	4.71"-5.50"
1 ³ / ₄ "-2"	5.50"-6.28"
2"-2 ¹ / ₂ "	6.28"-7.85"
2 ¹ / ₂ "-3"	7.85"-9.42"
3"-3 ¹ / ₂ "	9.42"-11.00"
3 ¹ / ₂ "-4"	11.00"-12.57"
4"-4 ¹ / ₂ "	12.57"-14.14"
4 ¹ / ₂ "-5"	14.14"-15.71"

For grip with cables of different diameters: Measure circumference of all cables held together and use the Conversion Chart.

Cable Size		
AWG or MCM	Diameter	
	THHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595
3/0	.588	.647
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.030
600		1.120
700		1.190
750		1.220
1000		1.380

This chart is to be used as a guide only. Sizes may vary slightly by manufacturer.

Portable Cord Size				
AWG	Conductors			
	2	3	4	5
18 SO	.390	.410	.440	.500
18 SJO	.310	.330	.360	
16 SO	.410	.430	.490	.530
16 SJO	.330	.360	.390	
14 SO	.530	.560	.610	.680
12 SO	.610	.640	.680	.750
10 SO	.650	.690	.750	.820
8 SO	.810	.910	.990	1.080
6 SO	.930	1.010	1.100	1.200

Fraction to Decimal Point Equivalent	
Fraction	Decimal
1/8	.125
1/4	.250
3/8	.375
1/2	.500
5/8	.625
3/4	.750
7/8	.875

Multiple Cable Selection Chart							
Diameter Range	Number of Cables in One Grip						
	2	3	4	5	6 or 7	8	9
.25"- .37"	.15-.22	.12-.18	.10-.15	.09-.14	.08-.13	.07-.11	.09-.10
.37"- .50"	.22-.30	.18-.25	.15-.22	.14-.19	.13-.17	.11-.15	.10-.14
.50"- .61"	.30-.38	.25-.31	.22-.27	.19-.24	.17-.22	.15-.19	.14-.18
.62"- .74"	.38-.44	.31-.36	.27-.31	.24-.29	.22-.26	.19-.23	.18-.21
³ / ₄ "-1"	.44-.59	.36-.49	.31-.42	.29-.38	.26-.34	.23-.31	.21-.28
1"-1 ¹ / ₄ "	.59-.75	.49-.63	.42-.54	.38-.48	.34-.43	.31-.39	.28-.35
1 ¹ / ₄ "-1 ¹ / ₂ "	.75-.90	.63-.76	.54-.65	.48-.58	.43-.52	.39-.46	.35-.42
1 ¹ / ₂ "-1 ³ / ₄ "	.90-1.07	.76-.89	.65-.77	.58-.67	.52-.60	.46-.54	.42-.49
1 ³ / ₄ "-2"	1.07-1.22	.89-1.02	.77-.88	.67-.77	.60-.69	.54-.62	.49-.56
2"-2 ¹ / ₂ "	1.22-1.53	1.02-1.28	.88-1.10	.77-.96	.69-.86	.62-.77	.56-.71
2 ¹ / ₂ "-3"	1.53-1.83	1.28-1.53	1.10-1.32	.96-1.16	.86-1.03	.77-.93	.71-.85
3"-3 ¹ / ₂ "	1.83-2.14	1.53-1.79	1.32-1.54	1.16-1.35	1.03-1.20	.93-1.08	.85-.99
3 ¹ / ₂ "-4"	2.14-2.44	1.79-2.05	1.54-1.76	1.35-1.54	1.20-1.37	1.08-1.24	.99-1.13
4"-4 ¹ / ₂ "	2.44-2.75	2.05-2.30	1.76-1.98	1.54-1.74	1.37-1.55	1.24-1.39	1.13-1.27
4 ¹ / ₂ "-5"	2.75-3.06	2.30-2.56	1.98-2.20	1.74-1.93	1.55-1.72	1.39-1.55	1.27-1.41

For grip with cables of equal diameter:
Under "Number of cables in one grip" locate diameter of individual cable in vertical column.
Read grip diameter range to the left.