

Portable cord and cable fittings

WMG-PC series wiremesh grips for portable cord

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01 2920 Series
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02 2920AL Series
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03 2516 Series

Application

- Provides high gripping strength for adequate cable support and strain relief without damage to the cable sheath
- Compression of a tapered neoprene bushing assures the watertight integrity of the fittings

Cord and cable type

- S, SO, SV, ST, STD, SJ, SJO, SJT, SJTO, SVD

Features

- Prevents severe cord bends and pullouts
- Used with aluminum and/or steel fittings, including the Ranger series

Material

- Wiremesh made of stainless steel.
Retaining rings made of aluminum.

Environment classification

- Ordinary locations

Range

- 0.187 in.– 3.220 in.



How to select proper wiremesh grip:

1. Determine O.D. of portable cord (e.g. 0.200 in.)
2. Determine size of knockout or threaded hub (e.g. ½ in.)
3. Select cat. no. of strain-relief fitting (e.g. 2520, 2920AL)
4. Match O.D. with grip range and strain relief to determine cat. no. of wiremesh grip (e.g. 0.200 + 2520 = WMP-PC1)

ABB wiremesh grips are ordered separately and fit with your existing inventory of Ranger fittings and liquid-tight strain-relief fittings. There's no need to duplicate inventory.

Wiremesh grips support the liquid-tight cord fittings series listed on the following page.



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WMG-PC series wiremesh grips for portable cord

Wiremesh grips for portable cord

Cat. no.	Grip range (in.)	Strain relief fittings							
		Straight			45°		90°		
		Ranger steel	Ranger aluminum	ABB steel	Ranger malleable iron	ABB steel	Ranger malleable iron	Ranger aluminum	ABB steel
WMG-PC1	0.187–0.250	2920S	2920AL	2520	4920	2200	4960	4960AL	2267
WMG-PC2	0.250–0.375	2920S	2920AL	2521	4920	2201	4960	4960AL	2268
WMG-PC3	0.375–0.500	2921S	2921AL	2522	4921	2202	4961	4961AL	2269
	0.375–0.500	2922S	2922AL	2524	4922	2204	4962	–	2250
WMG-PC4	0.500–0.625	2932S	2932AL	2534	4932	2209	4972	4972AL	2273
	0.500–0.625	2941S	2941AL	2544	4941	2214	4981	4981AL	2255
	0.500–0.625	2922S	2922AL	2525	4922	2205	4962	–	2251
WMG-PC5	0.625–0.750	2932S	2932AL	2535	4932	2210	4972	4972AL	2274
	0.625–0.750	2941S	2941AL	2545	4941	2215	4981	4981AL	2256
WMG-PC6	0.187–0.250	2930S	2930AL	2530	4930	2206	4970	4970AL	2252
WMG-PC7	0.250–0.375	2930S	2930AL	2531	4930	2207	4970	4970AL	2271
	0.250–0.375	2930S	2930AL	2541	4930	2207	4970	4970AL	2271
WMG-PC8	0.375–0.500	2931S	2931AL	2532	4931	2208	4961	4961AL	2272
	0.375–0.500	2940S	2940AL	2542	4940	2213	4980	4980AL	2254
WMG-PC9	0.750–0.875	2940S	2940AL	2536	4940	2211	4980	4980AL	2253
	0.750–0.875	2942S	2942AL	2546	4942	2216	4982	4982AL	2275
WMG-PC10	0.875–1.000	2942S	2942AL	2547	4942	2217	4982	4982AL	2276
WMG-PC11	0.875–1.000	2942S	2942AL	2548	4942	2218	4982	4982AL	2257
	0.875–1.000	2942S	2942AL	2558	4942	2220	4982	4982AL	2277
	0.875–1.000	2942S	2942AL	2548	4942	2218	4982	4982AL	2257
WMG-PC12	1.000–1.125	2942S	2942AL	2558	4942	2220	4982	4982AL	2277
	1.000–1.125	2942S	2942AL	2549	4942	2219	4982	4982AL	2258
	1.000–1.125	2942S	2942AL	2559	4942	2221	4982	4982AL	2278
WMG-PC13	1.125–1.250	2942S	2942AL	2549	4942	2221	2258	2258	2219
	1.125–1.250	2942S	2942AL	2559	4942	2221	2258	2258	2278
	1.125–1.250	2942S	2942AL	2556	4942	2221	2279	2279	2222
WMG-PC14	1.125–1.250	2942S	2942AL	2563	4942	–	2279	2279	2282
	1.125–1.250	2942S	2942AL	2564	4942	–	2279	2279	2283
WMG-PC15	1.250–1.375	2942S	2942AL	2256	4942	2222	2279	2279	2279
	1.250–1.375	2942S	2942AL	2564	4942	–	2279	2279	2283
WMG-PC16*	1.375–1.500	2942S	2942AL	2557	4942	2223	2279	2279	2280
WMG-PC17*	1.125–1.250	2942S	2942AL	2573	4942	–	2279	2279	2284



Cat. no.	Grip range (in.)	Strain relief fittings	
		Straight ABB steel	90° ABB steel
WMG-PC18*	1.250–1.375	2573	2284
WMG-PC19*	1.375–1.500	2565	2285
	1.375–1.500	2574	2285
WMG-PC20*	1.500–1.625	2565	2285
	1.500–1.625	2574	2285
WMG-PC21*	1.625–1.750	2575	2286
WMG-PC22*	1.750–1.875	2575	2286

*Replacement gland nut supplied with these catalogue numbers only

Portable cord and cable fittings

Nonmetallic cable glands – Low profile for tight spots

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01 Sturdy nylon 6 for strong, lightweight construction. Grey colour shown.

ABB nylon cable glands have a sturdy cable sealing mechanism that results in superior strain relief. The compact size ensures quick and easy installation in cramped spaces. The nonmetallic construction provides excellent corrosion, chemical and impact resistance. The glands have long threads and locknuts are available.

- Halogen-free
- Flame-retardant material rated UL 94V-0
- Rated IP 68 5 BAR, suitable for NEMA 4 enclosures
- UL listed, CSA certified for certain ranges of cable
- Working temperatures: -30 °C (-86 °F) to 80 °C (176 °F) continuous, 150 °C (276 °F) intermittent
- Meets VDE ratings



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Nonmetallic cable glands



Cat. no.	Hub size (in.)	Colour	Cable range		Length of thread		Use ABB locknut cat. no.	Unit pkg.	Std. pkg.
			in.	mm	in.	mm			
NPT threads									
CC-NPT38-B	3/8	Black	0.197–0.394	5–10	0.590	15	CI-1703PL*	50	250
CC-NPT38-G	3/8	Grey	0.197–0.394	5–10	0.590	15	CI-1703PL*	50	250
CC-NPT12-B	1/2	Black	0.394–0.551	10–14	0.590	15	LN501**	50	250
CC-NPT12-G	1/2	Grey	0.394–0.551	10–14	0.590	15	LN501**	50	250
CC-NPT34-B	3/4	Black	0.512–0.709	13–18	0.590	15	LN502**	25	100
CC-NPT34-G	3/4	Grey	0.512–0.709	13–18	0.590	15	LN502**	25	100
CC-NPT1-B	1	Black	0.709–0.984	18–25	0.709	18	LN503**	20	100
CC-NPT1-G	1	Grey	0.709–0.984	18–25	0.709	18	LN503**	20	100
ISO/metric threads									
CC-ISO-16-G	M16	Grey	0.197–0.394	5–10	0.394	10	LN-ISO16-G	50	250
CC-ISO-20-G	M20		0.236–0.473	6–12	0.590	15	LN-ISO20-G	50	250
CC-ISO-25-G	M25		0.512–0.709	13–18	0.590	15	LN-ISO25-G	25	250
CC-ISO-32-G	M32		0.709–0.984	18–25	0.590	15	LN-ISO32-G	20	250
CC-ISO-40-G	M40		0.748–1.100	22–32	0.709	18			
PG threads									
CC-PG7-G	7	Grey	0.118–0.256	3–6.5	0.315	8	LN-PG7-G	50	200
CC-PG9-G	9		0.157–0.315	4–8	0.315	8	LN-PG9-G	50	200
CC-PG11-G	11		0.197–0.394	5–10	0.315	8	LN-PG11-G	25	100
CC-PG135-G	13 1/2		0.236–0.473	6–12	0.354	9	LN-PG135-G	25	100
CC-PG16-G	16		0.394–0.551	10–14	0.394	10	LN-PG16-G	25	100
CC-PG21-G	21		0.512–0.709	13–18	0.433	11	LN-PG21-G	10	50
CC-PG29-G	29		0.709–0.984	18–25	0.433	11	LN-PG29-G	10	50
CC-PG36-G	36		0.867–1.260	22–32	0.512	13	LN-PG36-G	10	50

* Not CSA Certified

** Only available in grey

Portable cord and cable fittings

Metric fittings and accessories



— Metric PG-to-NPT thread adapters

Cat. no.	NPT Thread (mating) (in.)	Thread (at housing)
PG11-38	3/8	PG11
PG16-50	1/2	PG16
PG21-75	3/4	PG21
PG29-100	1	PG29
PG29-125	1 1/4	PG29
PG36-125	1 1/4	PG36
PG36-150	1 1/2	PG36



— Metric two-screw clamp fittings

Style may vary depending on size

Cat. no.	Cable O.D. (in.)		Thread (at housing)
	Min.	Max.	
CC11-38	0.400	0.470	PG11
CC11-38P*	0.250	0.325	PG11
CC135-50	0.400	0.535	PG13.5
CC16-50	0.455	0.625	PG16
CC21-75	0.513	0.815	PG21
CC29-100	0.800	0.175	PG291
CC36-125	1.050	0.450	PG361
CC42-150	1.500	0.800	PG421

* Plastic



— Metric cord grip fittings

Standard European style.

Cat. no.	Cable O.D. (in.)		Thread (at housing)
	Min.	Max.	
CG11-38	0.200	0.470	PG11
CG11-38P*	0.325	0.340	PG11
CG135-50	0.285	0.545	PG13.5
CG16-50	0.285	0.625	PG16
CG21-75	0.395	0.790	PG21
CG29-100	0.780	0.060	PG291
CG36-125	0.960	0.375	PG361
CG42-150	1.630	0.650	PG421

* Plastic



— Conduit entry blind plug

Cat. no.	Thread (at housing)
CXP722	PG13.5
CXP723	PG16
CXP724	PG21
CXP725	PG29
CXP726	PG36
CXP727	PG42