



**NON-METALLIC
LIQUIDTIGHT
STRAIN RELIEF
CONNECTORS**

March 3, 2003

Dome-Cap Strain Relief Connectors

Applications & Specifications

Dome-Cap strain relief connectors exceed NEMA 6 liquid tight specifications, are suitable for use underwater to 300 feet, are rated at IP68 with a working temperature range of -30°C to +80°C, and can withstand water pressure up to 70 psig. All connectors meet or exceed UL, CSA and VDE specifications.

The Dome-Cap connector fits a wide range of cord diameters and is easily installed in either clearance or threaded holes. The connectors are well suited for cables used with fiber optics, computers, control cabinets, instruments, medical/dental equipment, car washes, hot tubs, and carpet cleaning machines.

They are also resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, gasoline, mineral oil, animal and vegetable oil.



Nylon construction in black or gray. Aluminum available. Please consult customer service.

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NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR

NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - PG THREAD



PG Thread

Thread Size PG	Locknut	Walther Part No.			Cable Size Range	
		Gray	Black		Min.	Max.
7	without locknut	SR7-36-GRY	SR7-36-BLK	inch	0.118	0.256
	with locknut	SR7-36-GRYN	SR7-36-BLKN	mm	3	6.5
	without locknut	SR7-25-GRY	SR7-25-BLK	inch	0.079	0.197
	with locknut	SR7-25-GRYN	SR7-25-BLKN	mm	2	5
9	without locknut	SR9-48-GRY	SR9-48-BLK	inch	0.157	0.315
	with locknut	SR9-48-GRYN	SR9-48-BLKN	mm	4	8
	without locknut	SR9-26-GRY	SR9-26-BLK	inch	0.079	0.236
	with locknut	SR9-26-GRYN	SR9-26-BLKN	mm	2	6
11	without locknut	SR11-510-GRY	SR11-510-BLK	inch	0.197	0.394
	with locknut	SR11-510-GRYN	SR11-510-BLKN	mm	5	10
	without locknut	SR11-26-GRY	SR11-26-BLK	inch	0.079	0.236
	with locknut	SR11-26-GRYN	SR11-26-BLKN	mm	2	6
13.5	without locknut	SR135-612-GRY	SR135-612-BLK	inch	0.236	0.472
	with locknut	SR135-612-GRYN	SR135-612-BLKN	mm	6	12
	without locknut	SR135-59-GRY	SR135-59-BLK	inch	0.197	0.354
	with locknut	SR135-59-GRYN	SR135-59-BLKN	mm	5	9
16	without locknut	SR16-1014-GRY	SR16-1014-BLK	inch	0.394	0.551
	with locknut	SR16-1014-GRYN	SR16-1014-BLKN	mm	10	14
	without locknut	SR16-712-GRY	SR16-712-BLK	inch	0.276	0.472
	with locknut	SR16-712-GRYN	SR16-712-BLKN	mm	7	12
21	without locknut	SR21-1318-GRY	SR21-1318-BLK	inch	0.512	0.709
	with locknut	SR21-1318-GRYN	SR21-1318-BLKN	mm	13	18
	without locknut	SR21-916-GRY	SR21-916-BLK	inch	0.354	0.630
	with locknut	SR21-916-GRYN	SR21-916-BLKN	mm	9	16
29	without locknut	SR29-1825-GRY	SR29-1825-BLK	inch	0.709	0.984
	with locknut	SR29-1825-GRYN	SR29-1825-BLKN	mm	18	25
	without locknut	SR29-1220-GRY	SR29-1220-BLK	inch	0.472	0.787
	with locknut	SR29-1220-GRYN	SR29-1220-BLKN	mm	12	20
36	without locknut	SR36-2232-GRY	SR36-2232-BLK	inch	0.866	1.26
	with locknut	SR36-2232-GRYN	SR36-2232-BLKN	mm	22	32
	without locknut	SR36-2026-GRY	SR36-2026-BLK	inch	0.787	1.02
	with locknut	SR36-2026-GRYN	SR36-2026-BLKN	mm	20	26
42	without locknut	SR42-3038-GRY	SR42-3038-BLK	inch	1.18	1.50
	with locknut	SR42-3038-GRYN	SR42-3038-BLKN	mm	30	38
	without locknut	SR42-2531-GRY	SR42-2531-BLK	inch	0.984	1.22
	with locknut	SR42-2531-GRYN	SR42-2531-BLKN	mm	25	31
48	without locknut	SR48-3444-GRY	SR48-3444-BLK	inch	1.34	1.73
	with locknut	SR48-3444-GRYN	SR48-3444-BLKN	mm	34	44
	without locknut	SR48-2935-GRY	SR48-2935-BLK	inch	1.14	1.38
	with locknut	SR48-2935-GRYN	SR48-2935-BLKN	mm	29	35

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NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - NPT THREAD



NPT Thread

Thread Size NPT	Locknut	Walther Part No.			Cable Size Range	
		Gray	Black		Min.	Max.
3/8"	without locknut	SR38-510-GRY	SR38-510-BLK	inch	0.19	0.39
	with locknut	SR38-510-GRYN	SR38-510-BLKN	mm	5	10
	without locknut	SR38-37-GRY	SR38-37-BLK	inch	0.12	0.28
	with locknut	SR38-37-GRYN	SR38-37-BLKN	mm	3	7
1/2"	without locknut	SR50-612-GRY	SR50-612-BLK	inch	0.236	0.472
	with locknut	SR50-612-GRYN	SR50-612-BLKN	mm	6	12
	without locknut	SR50-59-GRY	SR50-59-BLK	inch	0.197	0.354
	with locknut	SR50-59-GRYN	SR50-59-BLKN	mm	5	9
	without locknut	SR50-712-GRY	SR50-712-BLK	inch	0.276	0.472
	with locknut	SR50-712-GRYN	SR50-712-BLKN	mm	7	12
	without locknut	SR50-1014-GRY	SR50-1014-BLK	inch	0.394	0.551
	with locknut	SR50-1014-GRYN	SR50-1014-BLKN	mm	10	14
3/4"	without locknut	SR75-1318-GRY	SR75-1318-BLK	inch	0.512	0.709
	with locknut	SR75-1318-GRYN	SR75-1318-BLKN	mm	13	18
	without locknut	SR75-916-GRY	SR75-916-BLK	inch	0.354	0.630
	with locknut	SR75-916-GRYN	SR75-916-BLKN	mm	9	16
1"	without locknut	SR100-1825-GRY	SR100-1825-BLK	inch	0.709	0.984
	with locknut	SR100-1825-GRYN	SR100-1825-BLKN	mm	18	25
	without locknut	SR100-1220-GRY	SR100-1220-BLK	inch	0.512	0.787
	with locknut	SR100-1220-GRYN	SR100-1220-BLKN	mm	13	20
1 1/4"	without locknut	SR125-1825-GRY	SR125-1825-BLK	inch	0.709	0.984
	without locknut	SR125-1320-GRY	SR125-1320-BLK	inch	0.512	0.787
1 1/2"	without locknut	SR150-2232-GRY	SR150-2232-BLK	inch	0.866	1.26
	without locknut	SR150-2026-GRY	SR150-2026-BLK	inch	0.787	1.02
				mm	20	26

NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - METRIC THREAD



Metric Thread

Thread Size Metric	Locknut	Walther Part No.			Cable Size Range	
		Gray	Black		Min.	Max.
20	without locknut	SR20M-612-GRY	SR20M-612-BLK	inch	0.236	0.472
	with locknut	SR20M-612-GRYN	SR20M-612-BLKN	mm	6	12
	without locknut	SR20M-1014-GRY	SR20M-1014-BLK	inch	0.394	0.551
	with locknut	SR20M-1014-GRYN	SR20M-1014-BLKN	mm	10	14
25	without locknut	SR25M-1318-GRY	SR25M-1318-BLK	inch	0.512	0.709
	with locknut	SR25M-1318-GRYN	SR25M-1318-BLKN	mm	13	18
	without locknut	SR25M-914-GRY	SR25M-914-BLK	inch	0.354	0.551
	with locknut	SR25M-914-GRYN	SR25M-914-BLKN	mm	9	14
32	without locknut	SR32M-1825-GRY	SR32M-1825-BLK	inch	0.709	0.984
	with locknut	SR32M-1825-GRYN	SR32M-1825-BLKN	mm	18	25
40	without locknut	SR40M-2232-GRY	SR40M-2232-BLK	inch	0.866	1.26
	with locknut	SR40M-2232-GRYN	SR40M-2232-BLKN	mm	22	32

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