

# DOME & FLEX-PROTECTING LIQUID-TIGHT STRAIN RELIEF CONNECTORS

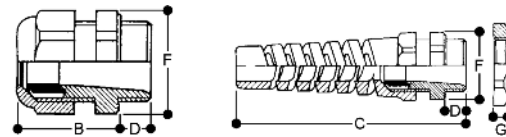
## Applications & Specifications

These Polyamide strain relief connectors are resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, ether, gasoline, mineral oil, animal and vegetable oil and meet IP68 specifications for liquid tight. They can be utilized underwater to 300 feet, underground for direct burial cables, fiber optics, computers, control cabinets, instruments, medical/dental equipment, car washes, hot tubs, and carpet cleaning machines.

No disassembly required, simply push cable or tubing through installed strain relief connector and tighten dome nut.



- Protection Class:** IP68, 5 bar
- Materials:** Polyamide 6 neoprene seal
- Operating Temperature:** Up to +150°C intermittent
- Temperature Range:** -30°C to 80°C permanent



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Part #		Cable or Tubing Range	Thread Type Size	DIMENSIONS					LOCKING NUTS (Polyamide)			
Dome Connector	Flex Connector			Clearance Hole +.010	B Max O.A Length (Dome)	C Max O.A. Length (Flex)	D Thread Length	F Wrenching Flats	Part # Locking Nut (Black)	THREAD TYPE & SIZE	DIMENSIONS (INCHES)	
										G Thickness	Wrenching Flat	
RD07AA	RF07AA	.12-.26	PG 7	.49	1.17	2.50	.31	.59	NP-07-BK	PG 7	.20	.75
RD07AR	RF07AR	.08-.20	PG 7	.49	1.17	2.50	.31	.59	NP-07-BK	PG 7	.20	.75
RD09AA	RF09AA	.15-.32	PG 9	.60	1.34	3.00	.31	.75	NP-09-BK	PG 9	.20	.87
RD09AR	RF09AR	.08-.20	PG 9	.60	1.34	3.00	.31	.75	NP-09-BK	PG 9	.20	.87
*RD09NA	RF09NA	.20-.39	¾" NPT	.68	1.59	3.25	.59	.87	NN-09-BK	¾" NPT	.27	.94
RD09NR	RF09NR	.12-.28	¾" NPT	.68	1.59	3.25	.59	.87	NN-09-BK	¾" NPT	.27	.94
RD11AA	RF11AA	.19-.39	PG 11	.73	1.50	3.50	.31	.88	NP-11-BK	PG 11	.20	.94
RD11AR	RF11AR	.11-.28	PG 11	.73	1.50	3.50	.31	.88	NP-11-BK	PG 11	.20	.94
RD13AA	RF13AA	.23-.47	PG 13.5	.83	1.56	4.00	.34	.94	NP-13-BK	PG 13.5	.24	1.06
RD13AR	RF13AR	.19-.35	PG 13.5	.83	1.56	4.00	.34	.94	NP-13-BK	PG 13.5	.24	1.06
*RD13NA	RF13NA	.24-.47	½" NPT	.83	1.77	4.22	.59	.94	NN-13-BK	½" NPT	.27	1.06
RD13NR	RF13NR	.20-.35	½" NPT	.83	1.77	4.22	.59	.94	NN-13-BK	½" NPT	.27	1.06
*RD16NA	RF16NA	.39-.55	½" NPT	.83	1.86	4.61	.59	1.06	NN-13-BK	½" NPT	.27	1.06
RD16NR	RF16NR	.27-.47	½" NPT	.83	1.86	4.61	.59	1.06	NN-13-BK	½" NPT	.27	1.06
RD16AA	RF16AA	.39-.55	PG 16	.90	1.69	4.44	.39	1.06	NP-16-BK	PG 16	.24	1.18
RD16AR	RF16AR	.27-.47	PG 16	.90	1.69	4.44	.39	1.06	NP-16-BK	PG 16	.24	1.18
RD21AA	RF21AA	.51-.71	PG 21	1.12	1.81	5.00	.44	1.30	NP-21-BK	PG 21	.27	1.41
RD21AR	RF21AR	.35-.63	PG 21	1.12	1.81	5.00	.44	1.30	NP-21-BK	PG 21	.27	1.41
*RD21NA	RF21NA	.51-.71	¾" NPT	1.05	1.97	5.12	.59	1.30	NN-21-BK	¾" NPT	.27	1.26
RD21NR	RF21NR	.35-.63	¾" NPT	1.05	1.97	5.12	.59	1.30	NN-21-BK	¾" NPT	.27	1.26
RD29AA		.70-.98	PG 29	1.47	2.03	—	.44	1.65	NP-29-BK	PG 29	.26	1.81
RD29AR		.47-.79	PG 29	1.47	2.03	—	.44	1.65	NP-29-BK	PG 29	.26	1.81
RD29NA		.71-.98	1" NPT	1.35	2.24	—	.71	1.65	NN-29-BK	1" NPT	.27	1.57
RD29NR		.47-.79	1" NPT	1.35	2.24	—	.71	1.65	NN-29-BK	1" NPT	.27	1.57
†RD36AA		.87-1.26	PG 36	1.85	2.00	—	.51	2.09	NP-36-BK	PG 36	.31	2.36
†RD36AR		.79-1.02	PG 36	1.85	2.00	—	.51	2.09	NP-36-BK	PG 36	.31	2.36

(only part numbers with \* are available in grey, add suffix -GR to part number)

† cUL E184471

¾", ½" & ¼" thread size come with anti-vibration gland nut.

