

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

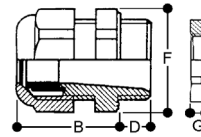
## Applications & Specifications

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



Part No.	Dome Connector	Cable or Tubing Range	Thread Type Size	DIMENSIONS				LOCKING NUTS (Polyamide)				
				Clearance Hole +.010	B Max O.A Length (Dome)	C Max O.A Length (Flex)	D Thread Length	F Wrenching Flats	Part No.	THREAD TYPE & SIZE	DIMENSIONS (INCHES)	
											G Thickness	Wrenching Flat
	RD07AA	.12-.26	PG 7	0.49	0.87	2.50	0.31	0.59	NP-07-BK	PG 7	0.20	0.75
	RD07AR	.08-.20							NN-07-BK	3/8" NPT	0.27	0.94
	RD09AA	.15-.32	PG 9	0.60	0.98	3.00	0.31	0.75	NP-09-BK	PG 9	0.20	0.87
	RD09AR	.08-.20							NN-09-BK	3/8" NPT	0.27	0.94
	*RD09NA	.20-.39	3/8" NPT	0.65	1.10	3.25	0.59	0.87	NP-11-BK	PG 11	0.20	0.94
	RD09NR	.12-.28							NN-11-BK	PG 11	0.20	0.94
	RD11AA	.19-.39	PG 11	0.73	1.10	3.50	0.31	0.88	NP-13-BK	PG 13.5	0.24	1.06
	RD11AR	.11-.28							NN-13-BK	1/2" NPT	0.27	1.06
	RD13AA	.23-.47	PG 13.5	0.83	1.14	4.00	0.34	0.94	NP-16-BK	PG 16	0.24	1.18
	RD13AR	.19-.35							NN-16-BK	1/2" NPT	0.27	1.06
	*RD13NA	.24-.47	1/2" NPT	0.81	1.14	4.22	0.59	0.94	NP-21-BK	PG 21	0.27	1.41
	*RD13NR	.20-.35							NN-21-BK	3/4" NPT	0.27	1.26
	*RD16NA	.39-.55	1/2" NPT	0.81	1.22	4.61	0.59	1.06	NP-29-BK	PG29	0.26	1.81
	RD16NR	.27-.47							NN-29-BK	1" NPT	0.27	1.57
	RD16AA	.39-.55	PG 16	0.90	1.22	4.44	0.39	1.06	NP-36-BK	PG 36	0.31	2.36
	RD16AR	.27-.47							NN-36-BK	PG 36	0.31	2.36
	RD21AA	.51-.71	PG 21	1.13	1.38	5.00	0.44	1.30				
	RD21AR	.35-.63										
	*RD21NA	.51-.71	3/4" NPT	1.02	1.38	5.12	0.59	1.30				
	*RD21NR	.35-.63										
	RD29AA	.70-.98	PG 29	1.47	1.57	—	0.44	1.65				
	RD29AR	.47-.79										
	RD29NA	.71-.98	1" NPT	1.275	1.57	—	0.71	1.65				
	RD29NR	.47-.79										
	†RD36AA	.87-1.26	PG 36	1.87	1.93	—	0.51	2.09				
	†RD36AR	.79-1.02										

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

† cUL E184471

3/8", 1/2" & 3/4" thread size come with anti-vibration gland nut.

