



A Tyco Electronics USA Joint Venture

# Technical Data Sheet

For

Non-Metallic Glands (Nylon 6)



(A TE Connectivity - RPG Enterprises JV)



## Technical Specification:

Body	: Polyamide 6
Sealing	: EPDM
Temp	: Static -30°C to 120°C Dynamic -10°C to 80°C
Protection	: IP 65
Color	: Grey, White & Black
Certification	: ROHS
Standard	: BS EN 50262: 1999 cable glands for electrical installation



## Table -PG Thread

S.No.	Size	Raychem Part code	Cable Range(mm)	A	B		C	D
					Min.	Max.		
1	PG 7	RNPG-07	2.5-6.5	15	27.3	30.5	8.5	12.75
2	PG 9	RNPG-09	3.5-8.0	18	30.5	35.75	8.5	16.25
3	PG 11	RNPG-11	4.0-10.0	22	29.5	24.75	9.5	17.55
4	PG 13.5	RNPG-13.5	5.0-12.0	24	36.3	41.5	13.0	17.75
5	PG 16	RNPG-16	9.0-14.0	26	46.3	52.1	14.5	18.75
6	PG 21	RNPG-21	13.0-18.0	33	41	46.2	12.0	21.4
7	PG 29	RNPG-29	14.0-25.0	42	49	54.5	11.0	26.75
8	PG 36	RNPG-36	19.0-32.0	54	57	64	13.0	30.8
9	PG 42	RNPG-42	28.0-40.0	59	66	70	17.0	31.5
10	PG 48	RNPG-48	32.0-44.0	65	67	72	20.5	32.2
11	PG 63	RNPG-63	40.0-50.0	75	95	82	29.5	43

## Table –Metric thread

S.No.	Size	Raychem Part code	Cable Range(mm)	A	B		C	D
					Min.	Max.		
1	M12x1.5	RNMG12X1.5	2.5-6.5	15	29	31	8.0	12.8
2	M16x1.5	RNMG16X1.5	3.5-8.0	18	31	36	8.5	16.5
3	M20x1.5	RNMG20X1.5	7.0-12.0	23	35.7	37	7.5	17.0
4	M20x1.5L	RNMG20X1.5L	7.0-12.0	23	37	41.2	13.0	17.0
5	M25x1.5	RNMG25X1.5	9.0-14.0	28	46	51.1	15.0	18.75
6	M32x1.5	RNMG32X1.5	13.0-18.0	37	40.8	45.9	11.7	21.6
7	M40x1.5	RNMG40X1.5	14.0-25.0	45	47	55	10.0	26.72
8	M50x1.5	RNMG50X1.5	22.0-32.0	54	56	63	13.0	30.95

- All cable glands are CE certified and made of polyamide 6 ideally suited to guarantee optimum conditions for impact resistance and full insulation.
- Effective gripping is provided on tightening of caps, which ensure that complete strain relief is provided to your cables.
- Specially provided groove on internal part of the cap nut act as a ratchet, which provides self-locking and vibration resistant fixing on some glands.
- Easy mounting of cable glands are provided for introducing cables and conductors into machines.
- Secure and fast connection in various industries ranging from machineries and equipment manufacturers measuring and control electronics, automation, electrical and robotics.
- Protection Class IP 65 liquid and dust tight connection provides total relief to your cable.