

Liquid-Tight Cordgrips (Nylon) 1427NCG Series

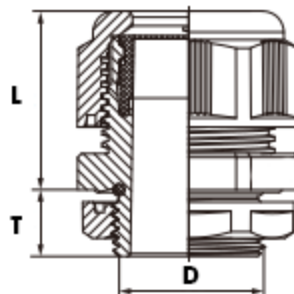
IP68, UL Listed. PG & Metric

Features



- Liquid-tight cordgrip made from nylon
- Available in black (RAL 9005) or gray (RAL 7035).
- Used where cable is entering or leaving an enclosure.
- Accepts a wide range of cable diameters due to large opening and NBR (nitrile rubber) seal.
- The strain relief elements tighten in a circular sequence on the sealing ring to give outstanding strain relief without twisting or damaging the cable.
- Use the cordgrip with the smallest maximum diameter that will fit your application (see table below).
- Nylon locknut and EPDM o-ring included (as shown).
- Operating Temperatures:
 - Static state: -40°C to 100°C (up to 120° instantaneous)
 - Dynamic state: -20°C to 80°C (up to 100° instantaneous)
- Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 - Protection to IP68.
- UL94-V2 flammability rating.
- UL listed.





PG Threads (Standard Length)

Part Number		Material	Thread Size	Mounting Hole	Wire Diameter		Outer Length	Inner Thread Length
Part Number (Gray)	Part Number (Black)		(D)	Diameter	Min	Max	(L)	(T)
1427NCGPG7G	1427NCGPG7B	Nylon	PG7	13	3	7	21	8
1427NCGPG9G	1427NCGPG9B	Nylon	PG9	15	4	8	22	8
1427NCGPG11G	1427NCGPG11B	Nylon	PG11	19	5	10	25	8
1427NCGPG13G	1427NCGPG13B	Nylon	PG13.5	21	6	12	27	9

		Thread Size		Mounting Hole	Wire Diameter		Outer Length	Inner Thread Length
Part Number (Gray)	Part Number (Black)	Material	(D)	Diameter	Min	Max	(L)	(T)
1427NCGPG16G	1427NCGPG16B	Nylon	PG16	23	10	14	28	10
1427NCGPG19G	1427NCGPG19B	Nylon	PG19	24	12	15	30	12
1427NCGPG21G	1427NCGPG21B	Nylon	PG21	29	13	18	31	11
1427NCGPG29G	1427NCGPG29B	Nylon	PG29	37	18	25	37	11
1427NCGPG36G	1427NCGPG36B	Nylon	PG36	48	22	32	48	13
1427NCGPG42G	1427NCGPG42B	Nylon	PG42	55	32	38	49	13
1427NCGPG48G	1427NCGPG48B	Nylon	PG48	60	37	44	49	14

PG Threads (Extra Long)

		Thread Size		Mounting Hole	Wire Diameter		Outer Length	Inner Thread Length
Part Number (Gray)	Part Number (Black)	Material	(D)	Diameter	Min	Max	(L)	(T)
1427NCGPG7LG	1427NCGPG7LB	Nylon	PG7	13	3	7	21	15
1427NCGPG9LG	1427NCGPG9LB	Nylon	PG9	15	4	8	22	15
1427NCGPG11LG	1427NCGPG11LB	Nylon	PG11	19	5	10	25	15
1427NCGPG13LG	1427NCGPG13LB	Nylon	PG13.5	21	6	12	27	15
1427NCGPG16LG	1427NCGPG16LB	Nylon	PG16	23	10	14	28	15

Metric Threads

		Thread Size		Mounting Hole	Wire Diameter		Outer Length	Inner Thread Length
Part Number (Gray)	Part Number (Black)	Material	(D)	Diameter	Min	Max	(L)	(T)
1427NCGM12G	1427NCGM12B	Nylon	M12x1.5	12	3	7	21	8
1427NCGM16G	1427NCGM16B	Nylon	M16x1.5	16	4	8	22	8
1427NCGM16LG	1427NCGM16LB	Nylon	M16x1.5	16	5	10	25	8
1427NCGM20G	1427NCGM20B	Nylon	M20x1.5	20	6	12	27	9
1427NCGM20LG	1427NCGM20LB	Nylon	M20x1.5	20	10	14	28	9
1427NCGM25G	1427NCGM25B	Nylon	M25x1.5	25	13	18	31	11
1427NCGM32G	1427NCGM32B	Nylon	M32x1.5	32	18	25	37	11
1427NCGM40G	1427NCGM40B	Nylon	M40x1.5	40	22	32	48	13
1427NCGM50G	1427NCGM50B	Nylon	M50x1.5	50	32	38	49	13
1427NCGM63G	1427NCGM63B	Nylon	M63x1.5	63	37	44	49	14

Torque Specifications

Thread Size	Sealing Nut Torque (N-m)		Locknut Torque (N-m)	
	Min.	Max.	Min.	Max.
PG7	0.8	1.5	1	2
PG9	1	2	1.2	1.8
PG11	1.5	2.5	1.5	2.5
PG13.5	3.5	4.5	3	5
PG16	4	5	4	6
PG21	5	6	4	7
PG29	7	8	5	7
PG36	8	10	8	10
PG42	9	12	8	10
PG48	11	13	8	10
M12	0.8	1.5	1	2
M16 (small)	1	2	1.5	2.5
M16 (large)	2	3	2	3
M20 (small)	3.5	4.5	2.5	3.5
M20 (large)	4	5	3.5	4.5
M25	4	6	2	5
M32	7	8	4	7
M40	10	13	7	9
M50	11	13	8	10
M63	12	15	9	12

Note: The above table should be considered a guide. Actual torque values can vary depending on the application.

