

Radi-PGN Polyamide cable glands provide high degrees of functionality and safety for most industrial applications. For instance, the sealing nut is designed to provide a perfect grip and effortless spanner-tight seal. The multiple thread design provides secure and rapid assembly while the neoprene seals render a perfect watertight seal to IP66 and IP68. The blade system enables optimal strain relief and cable protection to be achieved, combined with a wide clamping range.

Available in 10 sizes with PG threads made from strong, cost effective Polyamide 6 material with glass fiber reinforced. RADI nylon cable glands come in 2 standard-colors (Dark Grey and Black), with other colors available on request.

Technical Data

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| Material: Body: Polyamide 6 with glass fiber reinforced (UL 94-V2) | Operating Temperature: -40 deg C to +80 deg C | Seal Rating: IP 66 (PVC material) IP 68 (Neoprene material) |
| Standard Color: Dark Grey and Black. Other colors available | Conformance Standard: BS EN 50262: 1998 | Chemical Resistance: Petrol, Mineral oils, Diesel, Strong alkalis, Weak acid |

Selection Table

| Thread Size | Hole Size | Cable Clamping Range | Length of Thread | Part Number |
|-------------|-----------|----------------------|------------------|-------------|
| PG 7 | 12.5 | 3.0 - 7.0 | 8.0 | PGN-PG7 |
| PG 9 | 15.2 | 4.0 - 8.0 | 8.0 | PGN-PG9 |
| PG 11 | 18.6 | 5.0 - 10.0 | 8.0 | PGN-PG11 |
| PG 13.5 | 20.4 | 6.0 - 12.0 | 9.0 | PGN-PG13.5 |
| PG 16 | 22.5 | 10.0 - 14.0 | 11.0 | PGN-PG16 |
| PG 21 | 28.3 | 13.0 - 18.0 | 11.0 | PGN-PG21 |
| PG 29 | 37.0 | 18.0 - 25.0 | 11.0 | PGN-PG29 |
| PG 36 | 47.0 | 22.0 - 32.0 | 13.0 | PGN-PG36 |
| PG 42 | 54.0 | 30.0 - 38.0 | 13.0 | PGN-PG42 |
| PG 48 | 59.3 | 34.0 - 44.0 | 14.0 | PGN-PG48 |
| M16 | 15.9 | 4.0 - 8.0 | 15.0 | PGN-M16 |
| M20 | 19.8 | 6.0 - 12.0 | 15.0 | PGM-M20 |
| M25 | 24.8 | 12.0 - 18.0 | 15.0 | PGM-M25 |
| M32 | 31.6 | 18.0 - 25.0 | 15.0 | PGM-M32 |
| M40 | 39.9 | 22.0 - 32.0 | 21.0 | PGM-M40 |
| M50 | 50.0 | 30.0 - 38.0 | 22.0 | PGM-M50 |
| M63 | 62.5 | 34.0 - 44.0 | 25.0 | PGM-M63 |

