

# Cable Gland Standard Straight-Through - Polyamide

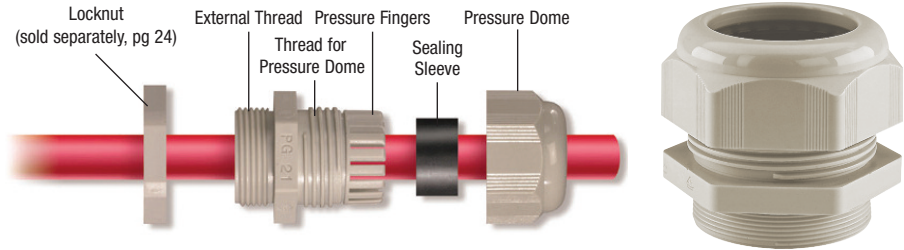
## Material:

- Body: Polyamide 6
- Seal: Neoprene

## Technical properties:

- Maximum strain relief through clamping range
- IP68 achieved without seal rings (PG and metric only)<sup>1</sup>
- Trapezoidal thread with high torque guarantees tight and permanent fit of the dome nut
- Gas tight and watertight

**Applications:** Machines and devices



## PG Thread

| Outer thread | Clamping range mm | Cat. No. Light Grey | Cat. No. Black | Std. Pk. |
|--------------|-------------------|---------------------|----------------|----------|
| PG 7         | 1.5-5             | 5309 107            | 5309 207       | 50       |
| PG 7         | 2.5-6.5           | 5308 707            | 5308 507       | 50       |
| PG 9         | 1.5-6             | 5309 109            | 5309 209       | 50       |
| PG 9         | 2.5-8             | 5308 709            | 5308 509       | 50       |
| PG 11        | 2-7               | 5309 111            | 5309 211       | 50       |
| PG 11        | 3.5-10            | 5308 711            | 5308 511       | 50       |
| PG 13.5      | 3-9               | 5309 113            | 5309 213       | 50       |
| PG 13.5      | 5-12              | 5308 713            | 5308 513       | 50       |
| PG 16        | 5-12              | 5309 116            | 5309 216       | 50       |
| PG 16        | 7-14              | 5308 716            | 5308 516       | 50       |
| PG 21        | 7-16              | 5309 121            | 5309 221       | 25       |
| PG 21        | 9-18              | 5308 721            | 5308 521       | 25       |
| PG 29        | 11-21             | 5309 129            | 5309 229       | 20       |
| PG 29        | 14-25             | 5308 729            | 5308 529       | 20       |
| PG 36        | 13-26             | 5309 136            | 5309 236       | 10       |
| PG 36        | 18-32             | 5308 736            | 5308 536       | 10       |
| PG 42        | 17-31             | 5309 142            | 5309 242       | 5        |
| PG 42        | 24-38.5           | 5308 737            | 5308 537       | 5        |
| PG 48        | 26-39             | 5309 148            | 5309 248       | 5        |
| PG 48        | 35-48             | 5308 738            | 5308 538       | 5        |



## Temperature Range

-40 to 100°C  
(-40 to 212°F)

| Thread Size | H mm | E mm | L mm | ØC mm | ØP mm | ØThread mm |
|-------------|------|------|------|-------|-------|------------|
| PG7         | 15   | 8    | 32   | 6.7   | 6.8   | 12.5       |
| PG9         | 19   | 8    | 35   | 8.5   | 8.7   | 15.2       |
| PG11        | 22   | 8    | 37   | 10.5  | 10.5  | 18.6       |
| PG13.5      | 24   | 9    | 39   | 12.5  | 12.5  | 20.4       |
| PG16        | 27   | 10   | 43   | 14.5  | 14.5  | 22.5       |
| PG21        | 33   | 11   | 50   | 18.5  | 18.5  | 28.3       |
| PG29        | 42   | 11   | 53   | 25.5  | 25.5  | 37.0       |
| PG36        | 53   | 13   | 65   | 32.5  | 32.5  | 47.0       |
| PG42        | 60   | 13   | 68   | 39.0  | 39.0  | 54.0       |
| PG48        | 70   | 14   | 70   | 48.5  | 48.5  | 59.3       |

## NPT Thread

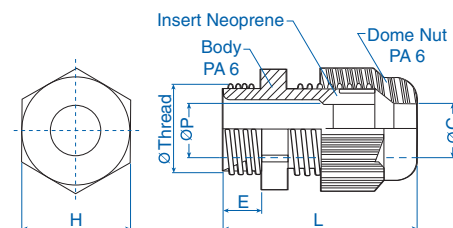
|          |       |          |          |    |
|----------|-------|----------|----------|----|
| NPT 3/8" | 1.5-6 | 5308 904 | 5308 924 | 50 |
| NPT 3/8" | 2.5-8 | 5308 900 | 5308 920 | 50 |
| NPT 1/2" | 3-9   | 5308 905 | 5308 925 | 50 |
| NPT 1/2" | 5-12  | 5308 901 | 5308 921 | 50 |
| NPT 3/4" | 7-16  | 5308 906 | 5308 926 | 20 |
| NPT 3/4" | 9-18  | 5308 902 | 5308 922 | 20 |
| NPT 1"   | 11-21 | 5308 907 | 5308 927 | 20 |
| NPT 1"   | 14-25 | 5308 903 | 5308 923 | 20 |

|         |    |    |    |      |      |      |
|---------|----|----|----|------|------|------|
| NPT 3/8 | 19 | 11 | 38 | 8.5  | 8.7  | 17.1 |
| NPT 1/2 | 24 | 14 | 44 | 12.5 | 12.5 | 21.2 |
| NPT 3/4 | 33 | 15 | 54 | 18.5 | 18.5 | 26.7 |
| NPT 1   | 42 | 18 | 60 | 25.5 | 25.5 | 33.3 |

|            |    |    |    |      |      |      |
|------------|----|----|----|------|------|------|
| M12x1.5    | 15 | 8  | 32 | 6.7  | 6.8  | 12.0 |
| M16x1.5/9  | 19 | 10 | 37 | 8.5  | 8.5  | 16.0 |
| M16x1.5/11 | 22 | 10 | 39 | 10.5 | 10.5 | 16.0 |
| M20x1.5/13 | 24 | 10 | 40 | 12.5 | 12.5 | 20.0 |
| M20x1.5/16 | 27 | 10 | 43 | 14.5 | 14.5 | 20.0 |
| M25x1.5/16 | 27 | 10 | 45 | 14.5 | 14.5 | 25.0 |
| M25x1.5/21 | 33 | 10 | 49 | 18.5 | 18.5 | 25.0 |
| M32x1.5    | 42 | 10 | 52 | 25.5 | 25.5 | 32.0 |
| M40x1.5    | 53 | 10 | 62 | 32.5 | 32.5 | 40.0 |
| M50x1.5    | 60 | 12 | 67 | 39.0 | 39.0 | 50.0 |
| M63x1.5    | 70 | 12 | 68 | 48.5 | 48.5 | 63.0 |

## Metric Thread\*

|               |         |          |          |    |
|---------------|---------|----------|----------|----|
| M 12 x 1.5    | 1.5-5   | 5309 612 | 5309 712 | 50 |
| M 12 x 1.5    | 2.5-6.5 | 5308 950 | 5308 940 | 50 |
| M 16 x 1.5/9  | 1.5-6   | 5309 615 | 5309 715 | 50 |
| M 16 x 1.5/11 | 2-7     | 5309 616 | 5309 716 | 50 |
| M 16 x 1.5/9  | 2.5-8   | 5308 958 | 5308 948 | 50 |
| M 16 x 1.5/11 | 3.5-10  | 5308 951 | 5308 941 | 50 |
| M 20 x 1.5/13 | 3-9     | 5309 619 | 5309 719 | 50 |
| M 20 x 1.5/16 | 5-12    | 5309 620 | 5309 720 | 50 |
| M 20 x 1.5/13 | 5-12    | 5308 959 | 5308 949 | 50 |
| M 20 x 1.5/16 | 7-14    | 5308 952 | 5308 942 | 50 |
| M 25 x 1.5/16 | 5-12    | 5309 624 | 5309 724 | 50 |
| M 25 x 1.5/21 | 7-16    | 5309 625 | 5309 725 | 25 |
| M 25 x 1.5/16 | 7-14    | 5308 960 | 5308 962 | 50 |
| M 25 x 1.5/21 | 9-18    | 5308 953 | 5308 943 | 25 |
| M 32 x 1.5    | 11-21   | 5309 632 | 5309 732 | 20 |
| M 32 x 1.5    | 14-25   | 5308 954 | 5308 944 | 20 |
| M 40 x 1.5    | 13-26   | 5309 640 | 5309 740 | 10 |
| M 40 x 1.5    | 18-32   | 5308 955 | 5308 945 | 10 |
| M 50 x 1.5    | 17-31   | 5309 650 | 5309 750 | 5  |
| M 50 x 1.5    | 24-38.5 | 5308 956 | 5308 946 | 5  |
| M 63 x 1.5    | 26-39   | 5309 663 | 5309 763 | 5  |
| M 63 x 1.5    | 35-48   | 5308 957 | 5308 947 | 5  |



**This is one of our most popular series and is usually kept in stock.**

\* Extended thread available consult Altech. <sup>1</sup> Seal rings for NPT sold separately, see page 35.

**Locknuts sold separately, see page 24.**