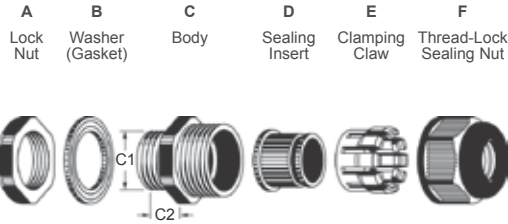


## 210-5030 Flame Retardant Cable Glands (A-Type)

PATENTED

Metric

PG



- Thread Type : Metric and PG.
- Material Data : Flame-Retardant Nylon PA 66 ( Flammability UL 94V-0 ) for A.C.E,F parts ; Flame-Retardant & Weather-Resistance Rubbers for B.D parts.  
Our black cable glands are suitable for outdoor use have been subjected to UV light exposure and water immersion same as UL746C (f1) rating. UV ( Irradiance 340 nm ) exposure is performed by using a xenon-arc weatherometer for 1000 hours and intermittent exposure to water spray.
- IP Protection : IP68 - 5 bar.
- Working Temp. : - 40 °C to 105 °C ( - 40 °F to 221 °F ). Short-Term to 160 °C ( 320 °F ).
- Application : The cable gland is assembled with high quality flame-retardant polyamide body and sealing rubbers which is mainly designed for human & property protection. In addition, this connector accompanied with a unique design from AVC's special sealing & clamping system provides strong strain relief, waterproof and airtight abilities over the entire cable range, which offers an integrated performance on their excellent functional properties suitably for used in outdoor / indoor cable entry applications with the higher requirements of flame-protection in public buildings, office, store houses, undergrounds, tunnels, aeration systems, ships and supply installations, etc.
- \* Contact us for designing & ordering different sealing hole patterns with varying diameters & other extended gland sizes. ( Sealing Inserts are not sold separately )
- \* AVC sealing inserts are available in split versions for mounting wires with pre-assembled terminals or connectors. ( Minimum order quantity is required )
- \* The Washer ( Gasket ) and Lock Nut are all included in each cable gland, this saves additional ordering work and storage locations.

| Seal Holes | Thread       | Cat. No.          |                      | Cable Range mmφ | Thread O. D. C1 mm | Panel Mounting Hole mm | Thread Length C2 mm | Spanner Size A / F mm | Body Min. I. D. mm | Std. Pkg. pcs |    |
|------------|--------------|-------------------|----------------------|-----------------|--------------------|------------------------|---------------------|-----------------------|--------------------|---------------|----|
|            |              | Sizes             | Black RAL 9005       |                 |                    |                        |                     |                       |                    |               |    |
| A TYPE     | Short Thread | M16 X 1.5         | MG16A - 06 - ST - V0 | B               | 7 ~ 4              | 16                     | 16 ~ 16.3           | 10                    | 22 / 22            | 10.5          | 50 |
|            |              |                   | MG16A - 10 - ST - V0 | B               | 10 ~ 6             | 16                     | 16 ~ 16.3           | 10                    | 22 / 22            | 10.5          | 50 |
|            |              | M20 X 1.5         | MG20A - 14 - ST - V0 | B               | 14 ~ 9             | 20                     | 20 ~ 20.3           | 10                    | 27 / 27            | 14            | 50 |
|            |              | M25 X 1.5         | MG25A - 16 - ST - V0 | B               | 16 ~ 12            | 25                     | 25 ~ 25.4           | 10                    | 33 / 33            | 19            | 50 |
|            |              |                   | MG25A - 18 - ST - V0 | B               | 18 ~ 14            | 25                     | 25 ~ 25.4           | 10                    | 33 / 33            | 19            | 50 |
|            |              | M32 X 1.5         | MG32A - 22 - ST - V0 | B               | 22 ~ 16            | 32                     | 32 ~ 32.4           | 11                    | 41 / 42            | 25            | 10 |
|            |              |                   | MG32A - 25 - ST - V0 | B               | 25 ~ 18            | 32                     | 32 ~ 32.4           | 11                    | 41 / 42            | 25            | 10 |
|            | Long Thread  | M12 X 1.5         | MG12A - 05 - V0      | B               | 5.3 ~ 3            | 12                     | 12 ~ 12.3           | 9                     | 18 / 19            | 7.8           | 50 |
|            |              |                   | MG12A - 08 - V0      | B               | 7.8 ~ 4.5          | 12                     | 12 ~ 12.3           | 9                     | 18 / 19            | 7.8           | 50 |
|            |              | M16 X 1.5         | MG16A - 06 - V0      | B               | 7 ~ 4              | 16                     | 16 ~ 16.3           | 15                    | 22 / 22            | 10.5          | 50 |
|            |              |                   | MG16A - 10 - V0      | B               | 10 ~ 6             | 16                     | 16 ~ 16.3           | 15                    | 22 / 22            | 10.5          | 50 |
|            |              | M20 X 1.5         | MG20AM - 08 - V0     | B               | 8.8 ~ 5            | 20                     | 20 ~ 20.3           | 15                    | 24 / 24            | 12.5          | 50 |
|            |              |                   | MG20AM - 11 - V0     | B               | 12 ~ 7             | 20                     | 20 ~ 20.3           | 15                    | 24 / 24            | 12.5          | 50 |
|            |              | M25 X 1.5         | MG20A - 14 - V0      | B               | 14 ~ 9             | 20                     | 20 ~ 20.3           | 15                    | 27 / 27            | 14            | 50 |
|            |              |                   | MG25A - 16 - V0      | B               | 16 ~ 12            | 25                     | 25 ~ 25.4           | 15                    | 33 / 33            | 19            | 50 |
|            |              |                   | MG25A - 18 - V0      | B               | 18 ~ 14            | 25                     | 25 ~ 25.4           | 15                    | 33 / 33            | 19            | 50 |
|            |              |                   | MG32A - 22 - V0      | B               | 22 ~ 16            | 32                     | 32 ~ 32.4           | 15                    | 41 / 42            | 25            | 10 |
|            |              |                   | MG32A - 25 - V0      | B               | 25 ~ 18            | 32                     | 32 ~ 32.4           | 15                    | 41 / 42            | 25            | 10 |
|            | PG           | PG 7              | PGA7 - 05 - V0       | B               | 5.3 ~ 3            | 12.5                   | 12.5 ~ 12.8         | 8.5                   | 17 / 19            | 8             | 50 |
|            |              |                   | PGA7 - 08 - V0       | B               | 7.8 ~ 4.5          | 12.5                   | 12.5 ~ 12.8         | 8.5                   | 17 / 19            | 8             | 50 |
| PG 9       |              | PGA9 - 05 - V0    | B                    | 5.3 ~ 3         | 15.2               | 15.2 ~ 15.5            | 9                   | 22 / 19               | 8                  | 50            |    |
|            |              | PGA9 - 08 - V0    | B                    | 7.8 ~ 4.5       | 15.2               | 15.2 ~ 15.5            | 9                   | 22 / 19               | 8                  | 50            |    |
| PG 11      |              | PGA11 - 06 - V0   | B                    | 7 ~ 4           | 18.6               | 18.6 ~ 18.9            | 10                  | 24 / 22               | 10.5               | 50            |    |
|            |              | PGA11 - 10 - V0   | B                    | 10 ~ 6          | 18.6               | 18.6 ~ 18.9            | 10                  | 24 / 22               | 10.5               | 50            |    |
| PG 13.5    |              | PGA13.5 - 08 - V0 | B                    | 8.8 ~ 5         | 20.4               | 20.4 ~ 20.7            | 10                  | 27 / 24               | 12.5               | 50            |    |
|            |              | PGA13.5 - 11 - V0 | B                    | 12 ~ 7          | 20.4               | 20.4 ~ 20.7            | 10                  | 27 / 24               | 12.5               | 50            |    |
| PG 16      |              | PGA16 - 14 - V0   | B                    | 14 ~ 9          | 22.5               | 22.5 ~ 22.8            | 11                  | 30 / 27               | 14                 | 50            |    |
|            |              | PGA21 - 16 - V0   | B                    | 16 ~ 12         | 28.3               | 28.3 ~ 28.7            | 12.5                | 36 / 33               | 18.5               | 50            |    |
|            |              | PGA21 - 18 - V0   | B                    | 18 ~ 14         | 28.3               | 28.3 ~ 28.7            | 12.5                | 36 / 33               | 18.5               | 50            |    |
|            |              | PGA29 - 22 - V0   | B                    | 22 ~ 16         | 37                 | 37 ~ 37.4              | 12                  | 46 / 42               | 25                 | 10            |    |
|            |              | PGA29 - 25 - V0   | B                    | 25 ~ 18         | 37                 | 37 ~ 37.4              | 12                  | 46 / 42               | 25                 | 10            |    |

210-5030 Flame Retardant Cable Glands (A-Type)

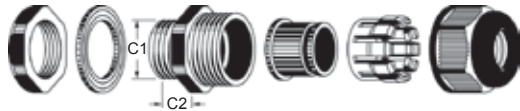
PATENTED

G (PF)

NPT



A Lock Nut  
B Washer (Gasket)  
C Body  
D Sealing Insert  
E Clamping Claw  
F Thread-Lock Sealing Nut



- Thread Type : G ( PF ) and NPT ( Without lock nut ) .
  - Material Data : Flame-Retardant Nylon PA 66 ( Flammability UL 94V-0 ) for A.C.E,F parts ; Flame-Retardant & Weather-Resistance Rubbers for B.D parts.  
Our black cable glands are suitable for outdoor use have been subjected to UV light exposure and water immersion same as UL746C (f1) rating. UV ( Irradiance 340 nm ) exposure is performed by using a xenon-arc weatherometer for 1000 hours and intermittent exposure to water spray.
  - IP Protection : IP68 - 5 bar.
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- \* Contact us for designing & ordering different sealing hole patterns with varying diameters & other extended gland sizes. ( Sealing Inserts are not sold separately )  
\* AVC sealing inserts are available in split versions for mounting wires with pre-assembled terminals or connectors. ( Minimum order quantity is required )

| Seal Holes | Thread | Cat. No.        |                  | Cable Range mmφ | Thread O. D. C1 mm | Panel Mounting Hole mm | Thread Length C2 mm | Spanner Size A / F mm | Body Min. I. D. mm | Std. Pkg. pcs |    |
|------------|--------|-----------------|------------------|-----------------|--------------------|------------------------|---------------------|-----------------------|--------------------|---------------|----|
|            |        | Sizes           | Black RAL 9005   |                 |                    |                        |                     |                       |                    |               |    |
| A TYPE     | G (PF) | 1/4             | FGA13 - 05 - V0  | B               | 5.3 ~ 3            | 13.157                 | 13.2 ~ 13.4         | 9                     | 19 / 19            | 8             | 50 |
|            |        | 1/4             | FGA13 - 08 - V0  | B               | 7.8 ~ 4.5          | 13.157                 | 13.2 ~ 13.4         | 9                     | 19 / 19            | 8             | 50 |
|            |        | 3/8             | FGA17 - 06 - V0  | B               | 7 ~ 4              | 16.662                 | 16.7 ~ 16.9         | 10                    | 22 / 22            | 10.5          | 50 |
|            |        | 3/8             | FGA17 - 10 - V0  | B               | 10 ~ 6             | 16.662                 | 16.7 ~ 16.9         | 10                    | 22 / 22            | 10.5          | 50 |
|            |        | 1/2             | FGA21M - 08 - V0 | B               | 8.8 ~ 5            | 20.955                 | 21 ~ 21.2           | 10                    | 27 / 24            | 12.5          | 50 |
|            |        | 1/2             | FGA21M - 11 - V0 | B               | 12 ~ 7             | 20.955                 | 21 ~ 21.2           | 10                    | 27 / 24            | 12.5          | 50 |
|            |        | 1/2             | FGA21L - 14 - V0 | B               | 14 ~ 9             | 20.955                 | 21 ~ 21.2           | 10                    | 27 / 27            | 14            | 50 |
|            |        | 3/4             | FGA26 - 16 - V0  | B               | 16 ~ 12            | 26.441                 | 26.5 ~ 26.8         | 12.5                  | 33 / 33            | 19            | 50 |
|            | 3/4    | FGA26 - 18 - V0 | B                | 18 ~ 14         | 26.441             | 26.5 ~ 26.8            | 12.5                | 33 / 33               | 19                 | 50            |    |
|            | 1      | FGA33 - 22 - V0 | B                | 22 ~ 16         | 33.249             | 33.3 ~ 33.6            | 15                  | 42 / 42               | 25                 | 10            |    |
|            | 1      | FGA33 - 25 - V0 | B                | 25 ~ 18         | 33.249             | 33.3 ~ 33.6            | 15                  | 42 / 42               | 25                 | 10            |    |
|            |        | NPT 3/8         | NPA17 - 06 - V0  | B               | 7 ~ 4              | 17.055                 | -                   | 13                    | 22 / 22            | 10.5          | 50 |
|            |        | NPT 1/2         | NPA17 - 10 - V0  | B               | 10 ~ 6             | 17.055                 | -                   | 13                    | 22 / 22            | 10.5          | 50 |
|            |        | NPT 3/4         | NPA21 - 14 - V0  | B               | 14 ~ 9             | 21.223                 | -                   | 13                    | 27 / 27            | 14            | 50 |
|            |        | NPT 3/4         | NPA26 - 16 - V0  | B               | 16 ~ 12            | 26.568                 | -                   | 15                    | 33 / 33            | 19            | 50 |
|            | NPT 1  | NPA26 - 18 - V0 | B                | 18 ~ 14         | 26.568             | -                      | 15                  | 33 / 33               | 19                 | 50            |    |
|            | NPT 1  | NPA33 - 22 - V0 | B                | 22 ~ 16         | 33.227             | -                      | 17                  | 42 / 42               | 25                 | 10            |    |
|            | NPT 1  | NPA33 - 25 - V0 | B                | 25 ~ 18         | 33.227             | -                      | 17                  | 42 / 42               | 25                 | 10            |    |