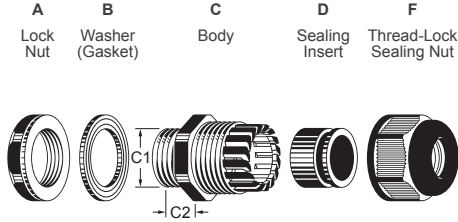


210-2010

Metric Cable Glands (B-Type / Short Connection Thread)

PATENTED

Metric



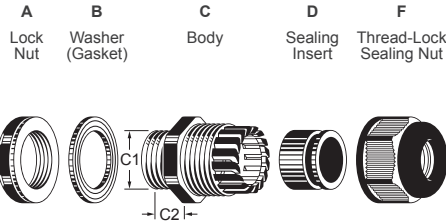
- Thread Type : Metric, according to EN 60423.
- Material Data : Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
Our black cable glands are 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 refined polyamide cable gland with AVC's special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, AVC UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, telecommunications, wireless networking ODUs, power supplies, switches, junction boxes, solar PV modules, inverters, lightings, displays, traffics, signals, surveillance cameras, measurings, sensors, plant engineerings, installations and any kind of equipment.
- * Contact us for designing & ordering different sealing hole patterns with varying diameters. (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	Std. Pkg. pcs
		Sizes	Black RAL 9005	Light Grey RAL 7035	Silver Grey RAL 7001						
B TYPE	M12 X 1.5	MGB12 - 05 - ST	B	G	SG	5.5 ~ 3	12	12 ~ 12.3	8.5	18 / 15	50
		MGB12 - 07 - ST	B	G	SG	6.8 ~ 4	12	12 ~ 12.3	8.5	18 / 15	50
	M16 X 1.5	MGB16M- 07 - ST	B	G	SG	6.7 ~ 3.5	16	16 ~ 16.3	8.8	22 / 19	50
		MGB16 - 07 - ST	B	G	SG	7 ~ 4	16	16 ~ 16.3	10	22 / 22	50
		MGB16M- 10 - ST	B	G	SG	10 ~ 6.6	16	16 ~ 16.3	8.8	22 / 19	50
	M20 X 1.5	MGB16 - 10 - ST	B	G	SG	11 ~ 6	16	16 ~ 16.3	10	22 / 22	50
		MGB20M- 08 - ST	B	G	SG	9 ~ 4.5	20	20 ~ 20.3	9.5	24 / 24	50
		MGB20 - 10 - ST	B	G	SG	11.2 ~ 5.5	20	20 ~ 20.3	10	27 / 27	50
		MGB20M- 12 - ST	B	G	SG	12.5 ~ 6.5	20	20 ~ 20.3	9.5	24 / 24	50
	M25 X 1.5	MGB20 - 14 - ST	B	G	SG	14.1 ~ 8	20	20 ~ 20.3	10	27 / 27	50
		MGB25 - 16 - ST	B	G	SG	16.2 ~ 10.5	25	25 ~ 25.4	10	33 / 33	50
		MGB25 - 18 - ST	B	G	SG	18.5 ~ 13	25	25 ~ 25.4	10	33 / 33	50
	M32 X 1.5	MGB32 - 22 - ST	B	G	SG	22 ~ 16	32	32 ~ 32.4	10	41 / 42	10
		MGB32 - 25 - ST	B	G	SG	25 ~ 18	32	32 ~ 32.4	10	41 / 42	10

210-2010 Metric Cable Glands (B-Type / Long Connection Thread)

PATENTED

Metric



- Thread Type : Metric, according to EN 60423.
- Material Data : Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
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 refined polyamide cable gland with AVC's special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, AVC UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, telecommunications, wireless networking ODUs, power supplies, switches, junction boxes, solar PV modules, inverters, lightings, displays, traffics, signals, surveillance cameras, measurings, sensors, plant engineerings, installations and any kind of equipment.
- * Contact us for designing & ordering different sealing hole patterns with varying diameters. (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	Std. Pkg. pcs
		Sizes	Black RAL 9005	Light Grey RAL 7035	Silver Grey RAL 7001						
B TYPE	M12 X 1.5	MGB12L - 03	B	G	SG	3.1 ~ 2	12	12 ~ 12.3	15	18 / 19	50
		MGB12L - 05	B	G	SG	5.5 ~ 3	12	12 ~ 12.3	15	18 / 19	50
	M16 X 1.5	MGB12L - 08	B	G	SG	8.2 ~ 4.5	12	12 ~ 12.3	15	18 / 19	50
		MGB16 - 07	B	G	SG	7 ~ 4	16	16 ~ 16.3	15	22 / 22	50
	M20 X 1.5	MGB16 - 10	B	G	SG	11 ~ 6	16	16 ~ 16.3	15	22 / 22	50
		MGB20M - 08	B	G	SG	9 ~ 4.5	20	20 ~ 20.3	15	24 / 24	50
		MGB20 - 10	B	G	SG	11.2 ~ 5.5	20	20 ~ 20.3	15	27 / 27	50
		MGB20M - 12	B	G	SG	12.5 ~ 6.5	20	20 ~ 20.3	15	24 / 24	50
		MGB20M - 13	B	G	SG	13 ~ 6.5	20	20 ~ 20.3	15	24 / 24	50
		MGB20 - 14	B	G	SG	14.1 ~ 8	20	20 ~ 20.3	15	27 / 27	50
	M25 X 1.5	MGB25 - 16	B	G	SG	16.2 ~ 10.5	25	25 ~ 25.4	15	33 / 33	50
		MGB25 - 18	B	G	SG	18.5 ~ 13	25	25 ~ 25.4	15	33 / 33	50
	M32 X 1.5	MGB32 - 22	B	G	SG	22 ~ 16	32	32 ~ 32.4	15	41 / 42	10
		MGB32 - 25	B	G	SG	25 ~ 18	32	32 ~ 32.4	15	41 / 42	10
	M40 X 1.5	MGB40 - 25	B	G	SG	26.5 ~ 21	40	40 ~ 40.4	15	50 / 52	10
		MGB40 - 30	B	G	SG	32 ~ 24	40	40 ~ 40.4	15	50 / 52	10
	M50 X 1.5	MGB50 - 32	B	G	SG	32 ~ 26	50	50 ~ 50.4	20	62 / 62	10
		MGB50 - 39	B	G	SG	41 ~ 31	50	50 ~ 50.4	20	62 / 62	10
M63 X 1.5	MGB63 - 46	B	G	SG	46 ~ 38	63	63 ~ 63.4	20	75 / 76	10	
	MGB63 - 49	B	G	SG	51 ~ 44	63	63 ~ 63.4	20	75 / 76	10	