

210-5040 Acid & Alkali Proof Cable Glands (A-Type)

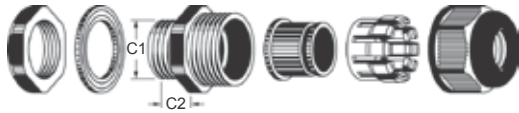
PATENTED

Metric

PG



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



- Thread Type : Metric and PG.
- Material Data : Acid / Alkali proof thermoplastic polymer for A.C.E,F parts.
Acid / Alkali proof rubbers for B.D parts.
- IP Protection : IP68 - 5 bar.
- Working Temp. : - 40 °C to 100 °C (- 40 °F to 212 °F).
- Application : The acid / alkali proof cable gland is specially designed to prevent strong acid corrosion from the manufacturing processes such as in the PCB, FPD, Photovoltaic, Chemical and Pharmaceutical industry, etc. These refined cable glands with corrosive resistance and with AVC's special designs from the multiple sizes of bodies & sealing inserts provide strong strain relief, watertight and airtight abilities over an entire cable range, which are the best cable entry system for the acid-proof demanded devices, machines and equipment.

- * 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 Gaskets should be avoided to touch petroleum-based fluids, mineral oils and solvents, aromatic hydrocarbons.
- * For product property & chemical resistance informations, please click here for reference.
- * 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 - AA	B	7 ~ 4	16	16 ~ 16.3	10	22 / 22	10.5	50
			MG16A - 10 - ST - AA	B	10 ~ 6	16	16 ~ 16.3	10	22 / 22	10.5	50
		M20 X 1.5	MG20A - 10 - ST - AA	B	11 ~ 7	20	20 ~ 20.3	10	27 / 27	14	50
			MG20A - 14 - ST - AA	B	14 ~ 9	20	20 ~ 20.3	10	27 / 27	14	50
		M25 X 1.5	MG25A - 16 - ST - AA	B	16 ~ 12	25	25 ~ 25.4	10	33 / 33	19	50
			MG25A - 18 - ST - AA	B	18 ~ 14	25	25 ~ 25.4	10	33 / 33	19	50
		M32 X 1.5	MG32A - 22 - ST - AA	B	22 ~ 16	32	32 ~ 32.4	11	41 / 42	25	10
			MG32A - 25 - ST - AA	B	25 ~ 18	32	32 ~ 32.4	11	41 / 42	25	10
	M40 X 1.5	MG40A - 25 - ST - AA	B	25 ~ 21	40	40 ~ 40.4	12	50 / 52	32	10	
		MG40A - 30 - ST - AA	B	30 ~ 24	40	40 ~ 40.4	12	50 / 52	32	10	
	M50 X 1.5	MG50A - 32 - ST - AA	B	32 ~ 26	50	50 ~ 50.4	15	62 / 62	41	10	
		MG50A - 39 - ST - AA	B	41 ~ 31	50	50 ~ 50.4	15	62 / 62	41	10	
	M63 X 1.5	MG63A - 46 - ST - AA	B	46 ~ 40	63	63 ~ 63.4	15	75 / 78	51	10	
		MG63A - 49 - ST - AA	B	51 ~ 44	63	63 ~ 63.4	15	75 / 78	51	10	
	Long Thread	M12 X 1.5	MG12A - 05 - AA	B	5.3 ~ 3	12	12 ~ 12.3	9	18 / 19	7.8	50
			MG12A - 08 - AA	B	7.8 ~ 4.5	12	12 ~ 12.3	9	18 / 19	7.8	50
		M16 X 1.5	MG16A - 06 - AA	B	7 ~ 4	16	16 ~ 16.3	15	22 / 22	10.5	50
			MG16A - 10 - AA	B	10 ~ 6	16	16 ~ 16.3	15	22 / 22	10.5	50
		M20 X 1.5	MG20AM - 08 - AA	B	8.8 ~ 5	20	20 ~ 20.3	15	24 / 24	12.5	50
			MG20A - 10 - AA	B	11 ~ 7	20	20 ~ 20.3	15	27 / 27	14	50
		M25 X 1.5	MG20AM - 11 - AA	B	12 ~ 7	20	20 ~ 20.3	15	24 / 24	12.5	50
			MG20A - 14 - AA	B	14 ~ 9	20	20 ~ 20.3	15	27 / 27	14	50
	M32 X 1.5	MG25A - 16 - AA	B	16 ~ 12	25	25 ~ 25.4	15	33 / 33	19	50	
		MG25A - 18 - AA	B	18 ~ 14	25	25 ~ 25.4	15	33 / 33	19	50	
	M32 X 1.5	MG32A - 22 - AA	B	22 ~ 16	32	32 ~ 32.4	15	41 / 42	25	10	
		MG32A - 25 - AA	B	25 ~ 18	32	32 ~ 32.4	15	41 / 42	25	10	
	PG 7	PGA7 - 05 - AA	B	5.3 ~ 3	12.5	12.5 ~ 12.8	8.5	17 / 19	8	50	
		PGA7 - 08 - AA	B	7.8 ~ 4.5	12.5	12.5 ~ 12.8	8.5	17 / 19	8	50	
PG 9	PGA9 - 05 - AA	B	5.3 ~ 3	15.2	15.2 ~ 15.5	9	22 / 19	8	50		
	PGA9 - 08 - AA	B	7.8 ~ 4.5	15.2	15.2 ~ 15.5	9	22 / 19	8	50		
PG 11	PGA11 - 06 - AA	B	7 ~ 4	18.6	18.6 ~ 18.9	10	24 / 22	10.5	50		
	PGA11 - 10 - AA	B	10 ~ 6	18.6	18.6 ~ 18.9	10	24 / 22	10.5	50		
PG 13.5	PGA13.5 - 08 - AA	B	8.8 ~ 5	20.4	20.4 ~ 20.7	10	27 / 24	12.5	50		
	PGA13.5 - 11 - AA	B	12 ~ 7	20.4	20.4 ~ 20.7	10	27 / 24	12.5	50		
PG 16	PGA16 - 10 - AA	B	11 ~ 7	22.5	22.5 ~ 22.8	11	30 / 27	14	50		
	PGA16 - 14 - AA	B	14 ~ 9	22.5	22.5 ~ 22.8	11	30 / 27	14	50		
PG 21	PGA21 - 16 - AA	B	16 ~ 12	28.3	28.3 ~ 28.7	12.5	36 / 33	18.5	50		
	PGA21 - 18 - AA	B	18 ~ 14	28.3	28.3 ~ 28.7	12.5	36 / 33	18.5	50		
PG 29	PGA29 - 22 - AA	B	22 ~ 16	37	37 ~ 37.4	12	46 / 42	25	10		
	PGA29 - 25 - AA	B	25 ~ 18	37	37 ~ 37.4	12	46 / 42	25	10		
PG 36	PGA36 - 25 - AA	B	25 ~ 21	47	47 ~ 47.4	15	57 / 52	30.5	10		
	PGA36 - 30 - AA	B	30 ~ 24	47	47 ~ 47.4	15	57 / 52	30.5	10		
PG 48	PGA48 - 46 - AA	B	46 ~ 40	59.3	59.3 ~ 59.7	16	70 / 78	51	10		
	PGA48 - 49 - AA	B	51 ~ 44	59.3	59.3 ~ 59.7	16	70 / 78	51	10		

210-5040 Acid & Alkali Proof Cable Glands (A-Type)

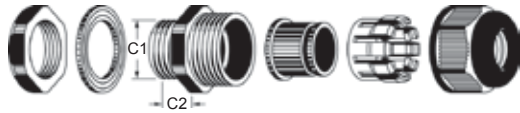
PATENTED

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 : Acid / Alkali proof thermoplastic polymer for A.C.E,F parts.
Acid / Alkali proof rubbers for B.D parts.
- IP Protection : IP68 - 5 bar.
- Working Temp. : - 40 °C to 100 °C (- 40 °F to 212 °F) .
- Application : The acid / alkali proof cable gland is specially designed to prevent strong acid corrosion from the manufacturing processes such as in the PCB, FPD, Photovoltaic, Chemical and Pharmaceutical industry, etc. These refined cable glands with corrosive resistance and with AVC's special designs from the multiple sizes of bodies & sealing inserts provide strong strain relief, watertight and airtight abilities over an entire cable range, which are the best cable entry system for the acid-proof demanded devices, machines and equipment.
- * 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 Gaskets should be avoided to touch petroleum-based fluids, mineral oils and solvents, aromatic hydrocarbons.
- * For product property & chemical resistance informations, please click here for reference.

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								
A TYPE	1/4	FGA13 - 05 - AA	B	5.3 ~ 3	13.157	13.2 ~ 13.4	9	19 / 19	8	50
		FGA13 - 08 - AA	B	7.8 ~ 4.5	13.157	13.2 ~ 13.4	9	19 / 19	8	50
	3/8	FGA17 - 06 - AA	B	7 ~ 4	16.662	16.7 ~ 16.9	10	22 / 22	10.5	50
		FGA17 - 10 - AA	B	10 ~ 6	16.662	16.7 ~ 16.9	10	22 / 22	10.5	50
	1/2	FGA21M - 08 - AA	B	8.8 ~ 5	20.955	21 ~ 21.2	10	27 / 24	12.5	50
		FGA21L - 10 - AA	B	11 ~ 7	20.955	21 ~ 21.2	10	27 / 27	14	50
		FGA21M - 11 - AA	B	12 ~ 7	20.955	21 ~ 21.2	10	27 / 24	12.5	50
		FGA21L - 14 - AA	B	14 ~ 9	20.955	21 ~ 21.2	10	27 / 27	14	50
	3/4	FGA26 - 16 - AA	B	16 ~ 12	26.441	26.5 ~ 26.8	12.5	33 / 33	19	50
		FGA26 - 18 - AA	B	18 ~ 14	26.441	26.5 ~ 26.8	12.5	33 / 33	19	50
	1	FGA33 - 22 - AA	B	22 ~ 16	33.249	33.3 ~ 33.6	15	42 / 42	25	10
		FGA33 - 25 - AA	B	25 ~ 18	33.249	33.3 ~ 33.6	15	42 / 42	25	10
	1 1/4	FGA42 - 25 - AA	B	25 ~ 21	41.91	42 ~ 42.3	15	53 / 52	32	10
		FGA42 - 30 - AA	B	30 ~ 24	41.91	42 ~ 42.3	15	53 / 52	32	10
	1 1/2	FGA48 - 32 - AA	B	32 ~ 26	47.803	48 ~ 48.4	20	57 / 62	41	10
		FGA48 - 39 - AA	B	41 ~ 31	47.803	48 ~ 48.4	20	57 / 62	41	10
	2	FGA60 - 46 - AA	B	46 ~ 40	59.614	60 ~ 60.4	20	70 / 76	51	10
		FGA60 - 49 - AA	B	51 ~ 44	59.614	60 ~ 60.4	20	70 / 76	51	10
	NPT 3/8	NPA17 - 06 - AA	B	7 ~ 4	17.055	-	13	22 / 22	10.5	50
		NPA17 - 10 - AA	B	10 ~ 6	17.055	-	13	22 / 22	10.5	50
NPT 1/2	NPA21 - 10 - AA	B	11 ~ 7	21.223	-	13	27 / 27	14	50	
	NPA21 - 14 - AA	B	14 ~ 9	21.223	-	13	27 / 27	14	50	
NPT 3/4	NPA26 - 16 - AA	B	16 ~ 12	26.568	-	15	33 / 33	19	50	
	NPA26 - 18 - AA	B	18 ~ 14	26.568	-	15	33 / 33	19	50	
NPT 1	NPA33 - 22 - AA	B	22 ~ 16	33.227	-	17	42 / 42	25	10	
	NPA33 - 25 - AA	B	25 ~ 18	33.227	-	17	42 / 42	25	10	