

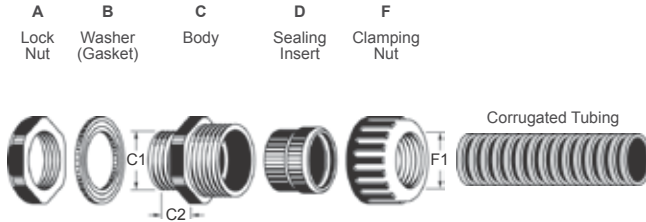
260-3010

Powerful Watertight Corrugated Tubing Fittings

PATENTED

Metric

PG



- Thread Type : Metric and PG.
- Material Data : Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts.
Weather-resistant EPDM rubbers for B.D parts.
Our black fittings 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.
- Working Temp. : - 40 °C to 105 °C (- 40 °F to 221 °F). Short-Term to 160 °C (320 °F).
- Application : With AVC's special sealing design containing an unique integrated insert, the Powerful Watertight Fittings build the best tightening power by a very high & active compression force to resist the ingress of high pressure water jet from any angle which can provide 100% dynamic waterproof and airtight performance over the widest range of corrugated tubings (O.D. ø10 mm - ø89 mm). These powerful watertight fittings are widely applied to resist water impact or immersion as a tough cable protection system for any machines, devices and equipments with the very specific demands.

• The Washer (Gasket) and Lock Nut are all included in each Watertight Fitting, this saves additional ordering work and storage spaces.
• Contact us for specially ordering AVC Water / Oil tight Tubing Fittings with NBR or Viton rubber material for specific oil resistant applications. (MOQ is required)

Thread	Cat. No.				Max.Joint F1 mm	Accommodated AVC Tubings			Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Body Min. I. D. mm	Std. Pkg. pcs		
	Sizes			Black RAL 9005		Light Grey RAL 7035	Silver Grey RAL 7001	NYLON						HDPE	
	N	MGW	ST					B							G
Short Thread	M16 X 1.5	N - MGW16 - 10 - ST	B	G	SG	10	(NGN - 07B)	1/4"	(NFE - 02B)	1/4"	16	16 ~ 16.3	10	7.8	50
		N - MGW16 - 13 - ST	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	16	16 ~ 16.3	10	10.5	50
		N - MGW16 - 15 - ST	B	G	SG	16	(NGN - 12B)	3/8"	-	-	16	16 ~ 16.3	10	11	50
		N - MGW16 - 18 - ST	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	16	16 ~ 16.3	10	11	50
	M20 X 1.5	N - MGW20 - 13 - ST	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	20	20 ~ 20.3	10	10	50
		N - MGW20 - 15 - ST	B	G	SG	16	(NGN - 12B)	3/8"	-	-	20	20 ~ 20.3	10	14.5	50
		N - MGW20 - 18 - ST	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	20	20 ~ 20.3	10	14.5	50
		N - MGW20 - 21 - ST	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	20	20 ~ 20.3	10	14.5	50
	M25 X 1.5	N - MGW25 - 15 - ST	B	G	SG	16	(NGN - 12B)	3/8"	-	-	25	25 ~ 25.4	12	14.5	50
		N - MGW25 - 18 - ST	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	25	25 ~ 25.4	12	14.5	50
		N - MGW25 - 21 - ST	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	25	25 ~ 25.4	10	19	50
		N - MGW25 - 26 - ST	B	G	SG	26.5	(NGN - 22B)	3/4"	(NFE - 06B)	3/4"	25	25 ~ 25.4	10	19	50
M32 X 1.5	N - MGW25 - 28 - ST	B	G	SG	28.5	(NGN - 23B)	3/4"	-	-	25	25 ~ 25.4	10	19	50	
	N - MGW32 - 21 - ST	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	32	32 ~ 32.4	12	19	10	
	N - MGW32 - 34 - ST	B	G	SG	34.5	(NGN - 28B)	1"	(NFE - 08B)	1"	32	32 ~ 32.4	10	26.2	10	
	Long Thread	M12 X 1.5	N - MGW12 - 10	B	G	SG	10	(NGN - 07B)	1/4"	(NFE - 02B)	1/4"	12	12 ~ 12.3	9	7.8
N - MGW16 - 13			B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	16	16 ~ 16.3	15	10.5	50
M16 X 1.5		N - MGW16 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	16	16 ~ 16.3	15	11	50
		N - MGW16 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	16	16 ~ 16.3	15	11	50
M20 X 1.5		N - MGW20 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	20	20 ~ 20.3	15	14.5	50
		N - MGW20 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	20	20 ~ 20.3	15	14.5	50
M25 X 1.5		N - MGW20 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	20	20 ~ 20.3	15	14.5	50
		N - MGW25 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	25	25 ~ 25.4	15	19	50
M32 X 1.5		N - MGW25 - 26	B	G	SG	26.5	(NGN - 22B)	3/4"	(NFE - 06B)	3/4"	25	25 ~ 25.4	15	19	50
		N - MGW25 - 28	B	G	SG	28.5	(NGN - 23B)	3/4"	-	-	25	25 ~ 25.4	15	19	50
M40 X 1.5		N - MGW40 - 42	B	G	SG	43	(NGN - 36B)	1 1/4"	(NFE - 10B)	1 1/4"	40	40 ~ 40.4	15	34	10
M50 X 1.5		N - MGW50 - 48	B	G	SG	48	(NGN - 40B)	1 1/2"	(NFE - 12B)	1 1/2"	50	50 ~ 50.4	22	41	10
M63 X 1.5	N - MGW63 - 54	B	G	SG	55	(NGN - 47B)	2"	-	-	63	63 ~ 63.4	25	53.5	10	
	N - MGW63 - 60	B	G	SG	61	(NGN - 52B)	2"	(NFE - 16B)	2"	63	63 ~ 63.4	25	53	10	
M90 X 2	N - MGW90 - 88	B	G	SG	90	(NGN - 72B)	3"	(NFE - 24B)	3"	90	90 ~ 91	25	79	2	
PG 7	N - PGW7 - 10	B	G	SG	10	(NGN - 07B)	1/4"	(NFE - 02B)	1/4"	12.5	12.5 ~ 12.8	8.5	8	50	
PG 9	N - PGW9 - 10	B	G	SG	10	(NGN - 07B)	1/4"	(NFE - 02B)	1/4"	15.2	15.2 ~ 15.5	9	8	50	
PG 11	N - PGW9 - 13	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	15.2	15.2 ~ 15.5	10	10.2	50	
	N - PGW11 - 13	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	18.6	18.6 ~ 18.9	10	10.5	50	
PG 13.5	N - PGW11 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	18.6	18.6 ~ 18.9	10	13.5	50	
	N - PGW11 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	18.6	18.6 ~ 18.9	10	13.5	50	
PG 16	N - PGW13.5 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	20.4	20.4 ~ 20.7	10	15	50	
	N - PGW13.5 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	20.4	20.4 ~ 20.7	10	15	50	
PG 21	N - PGW16 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	22.5	22.5 ~ 22.8	11	14.5	50	
	N - PGW16 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	22.5	22.5 ~ 22.8	11	14.5	50	
PG 29	N - PGW16 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	22.5	22.5 ~ 22.8	10	16	50	
	N - PGW21 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	28.3	28.3 ~ 28.7	12.5	18.5	50	
PG 36	N - PGW21 - 26	B	G	SG	26.5	(NGN - 22B)	3/4"	(NFE - 06B)	3/4"	28.3	28.3 ~ 28.7	12	22	50	
	N - PGW21 - 28	B	G	SG	28.5	(NGN - 23B)	3/4"	-	-	28.3	28.3 ~ 28.7	12	22	50	
PG 48	N - PGW29 - 34	B	G	SG	34.5	(NGN - 28B)	1"	(NFE - 08B)	1"	37	37 ~ 37.4	12	28	10	
PG 48	N - PGW36 - 42	B	G	SG	43	(NGN - 36B)	1 1/4"	(NFE - 10B)	1 1/4"	47	47 ~ 47.4	13	37	10	
PG 48	N - PGW48 - 54	B	G	SG	55	(NGN - 47B)	2"	-	-	59.3	59.3 ~ 59.7	16	51.5	10	
PG 48	N - PGW48 - 60	B	G	SG	61	(NGN - 52B)	2"	(NFE - 16B)	2"	59.3	59.3 ~ 59.7	16	51.5	10	

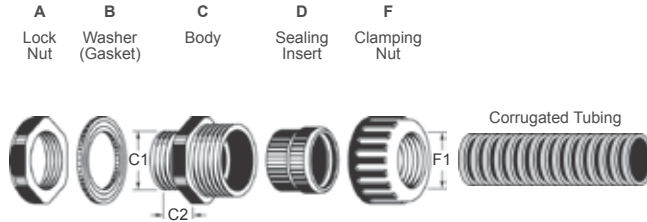
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PATENTED

G (PF)

NPT



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Thread	Cat. No.				Max.Joint F1 mm	Accommodated AVC Tubings			Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Body Min. I. D. mm	Std. Pkg. pcs		
	Sizes	Black	Light Grey	Silver Grey		NYLON		HDPE							
		RAL 9005	RAL 7035	RAL 7001											
G (P F)	1/4	N - FGW13 - 10	B	G	SG	10	(NGN - 07B)	1/4"	(NFE - 02B)	1/4"	13.157	13.2 ~ 13.4	9	8	50
	3/8	N - FGW17 - 13	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	16.662	16.7 ~ 16.9	10	10.5	50
	1/2	N - FGW21 - 13	B	G	SG	13	(NGN - 10B)	5/16"	(NFE - 02.5B)	5/16"	20.955	21 ~ 21.2	10	10.5	50
		N - FGW21 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	20.955	21 ~ 21.2	10	14	50
		N - FGW21H - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	20.955	21 ~ 21.2	15	14	50
		N - FGW21 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	20.955	21 ~ 21.2	10	14	50
		N - FGW21H - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	20.955	21 ~ 21.2	15	14	50
	3/4	N - FGW21 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	20.955	21 ~ 21.2	10	15	50
		N - FGW21H - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	20.955	21 ~ 21.2	15	15	50
		N - FGW26 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	26.441	26.5 ~ 26.8	12	14.5	50
		N - FGW26 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	26.441	26.5 ~ 26.8	12	14.5	50
		N - FGW26 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	26.441	26.5 ~ 26.8	12.5	19	50
	1	N - FGW26 - 26	B	G	SG	26.5	(NGN - 22B)	3/4"	(NFE - 06B)	3/4"	26.441	26.5 ~ 26.8	15	20	50
		N - FGW26 - 28	B	G	SG	28.5	(NGN - 23B)	3/4"	-	-	26.441	26.5 ~ 26.8	15	20	50
		N - FGW33 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	33.249	33.3 ~ 33.6	12	19	10
N - FGW33 - 34		B	G	SG	34.5	(NGN - 28B)	1"	(NFE - 08B)	1"	33.249	33.3 ~ 33.6	15	27	10	
N - FGW42 - 42		B	G	SG	43	(NGN - 36B)	1 1/4"	(NFE - 10B)	1 1/4"	41.91	42 ~ 42.3	20	33.5	10	
2	N - FGW48 - 48	B	G	SG	48	(NGN - 40B)	1 1/2"	(NFE - 12B)	1 1/2"	47.803	48 ~ 48.4	20	41	10	
	N - FGW60 - 54	B	G	SG	55	(NGN - 47B)	2"	-	-	59.614	60 ~ 60.4	20	51.5	10	
	N - FGW60 - 60	B	G	SG	61	(NGN - 52B)	2"	(NFE - 16B)	2"	59.614	60 ~ 60.4	20	51.5	10	
3	N - FGW88 - 88	B	G	SG	90	(NGN - 72B)	3"	(NFE - 24B)	3"	87.884	88 ~ 89	25	78	2	
	NPT 1/2	N - NPW21 - 15	B	G	SG	16	(NGN - 12B)	3/8"	-	-	21.223	21.4 ~ 21.7	13	14.5	50
NPT 3/4	N - NPW21 - 18	B	G	SG	18.3	(NGN - 14B)	3/8"	(NFE - 03B)	3/8"	21.223	21.4 ~ 21.7	13	14.5	50	
	N - NPW26 - 21	B	G	SG	22	(NGN - 17B)	1/2"	(NFE - 04B)	1/2"	26.568	26.8 ~ 27.1	15	19.5	50	