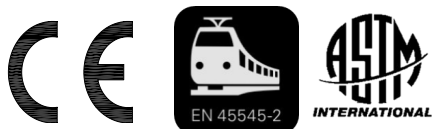


PA RGM 90° Cable Protection Fitting

EURO 2000



**NFPA
130**

**HALOGEN
FREE**



Areas of application



DESCRIPTION

The one-piece PA RGM 90° cable protection fitting is made of specially modified, halogen-free polyamide 6. It is self-extinguishing and resistant against most chemical media commonly used. The revolving metal thread fitting with a metric long thread, made of brass nickel plated, offers easy screw-in installation of pre-assembled cable harnesses. Occasional rotation of the fitting is possible but not a frequent rotation. Due to its excellent UV-resistance, PA RGM 90° is also perfectly suitable for outdoor installations. With the brand new 360° interlocking system and an inside conduit seal, PA RGM 90° complies with the highest possible protection class IP69 in combination with our FIPLOCK® corrugated conduits. Being delivered pre assembled, ready to use, and easy to re-open by using a commercially available slotted screwdriver, PA RGM 90° ensures significant time saving during installation and disassembly.

TECHNICAL SPECIFICATION

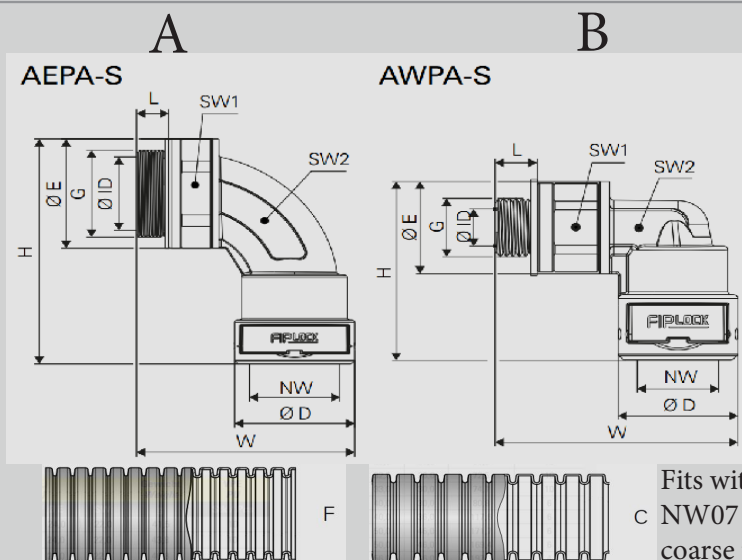
Different performances	Characteristics	Unit	Standards, Specifications	Remark
Application performances				
Temperature range	-50 bis / to +120 -58 bis / to +248	°C °F	IS FIP	-
Temperature (short-term)	150 (500 h); 160 (100 h) 302 (500 h); 320 (100 h)	°C °F	IS FIP	-
Material performances				
Notched bar impact test	7 – 25	kJ/m2	ISO 180	-
System tightness				
IP rating	IP66/IP67/IP68/IP69 (IP69K)	-	IEC EN 60529	-
Fire safety performances				
Free from halogens and cadmium	Yes	-	-	-
Fire classification	V0	-	UL 94	-
Fire characteristic of the product	self-extinguishing	-	UL 1696	-
Oxygen index	>32	%	EN ISO 4589-2	-
Glow wire test	960 1760	°C °F	IEC 60695	-
Fire hazardous level	HL3 R22	-	EN45545-2	-
Spread of fire	non flame propagating	-	IEC EN 61386	-
Weathering performances				
UV and weathering performance	excellent	-	IS FIP	up to 40 years



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Fits with all corrugated conduits
 C NW07 – NW48 with fine (F) and coarse profile (C)

CODICE FAMIGLIA	Code	Type	Nominal width	Thread	Dimensions in mm								Weight gram	Pack. N°Pz	Temperature Range
					NW	G	L	Ø ID	H	W	Ø D	Ø E			
ISO THREAD															
PA RGM 90° / AWPA-MML-S	P341012	B	10	M12x1,5	10,0	7,0	45,5	54,0	24,7	24,0	22	14	44,3	10	- 50°C + 120°C
	P341016	B	10	M16x1,5	10,0	10,0	45,5	54,0	24,7	24,0	22	14	46,6	10	
	P341216	B	12	M16x1,5	10,0	10,0	48,5	57,8	28,5	25,0	22	14	49,5	10	
	P341220	B	12	M20x1,5	10,0	12,8	50,5	58,8	28,5	29,0	26	18	70,3	10	
PA RGM 90° / AE-PA-MML-S	P341720	A	17	M20x1,5	10,0	10,1	77,1	63,5	34,0	29,0	26	16	77,8	10	
	P341725	A	17	M25x1,5	11,0	14,8	79,1	64,2	34,0	33,0	30	21	81,0	10	
	P342325	A	23	M25x1,5	11,0	15,8	89,6	77,0	41,7	33,0	30	21	88,9	6	
	P342332	A	23	M32x1,5	13,0	19,2	93,1	80,1	41,7	40,0	36	24	128,7	6	
	P342932	A	29	M32x1,5	13,0	25,6	102,9	87,6	48,2	50,0	46	34	184,9	6	
	P342940	A	29	M40x1,5	13,0	28,5	102,9	87,6	48,2	50,0	46	34	182,6	6	
	P343632	A	36	M32x1,5	13,0	25,6	124,3	102,8	59,7	50,0	46	36	229,8	4	
	P343640	A	36	M40x1,5	13,0	30,2	124,3	102,8	59,7	50,0	46	36	227,5	4	
	P343650	A	36	M50x1,5	14,0	36,1	129,3	104,5	59,7	60,0	55	46	267,7	4	
	P344850	A	48	M50x1,5	14,0	38,9	137,3	115,7	71,0	62,0	55	46	274,8	4	
P344863	A	48	M63x1,5	14,0	47,9	143,3	113,9	71,0	74,0	65	55	329,5	4		
PG THREAD															
PG RGM 90° / AWPA-PGM-S	P521009	B	10	PG9	12,0	10,0	45,5	56,0	24,7	24,0	22	14	46,1	10	- 50°C + 120°C
	P521209	B	12	PG9	12,0	10,0	48,5	59,8	28,5	25,0	22	14	49,0	10	
	P521211	B	12	PG11	12,0	12,8	50,5	60,7	28,5	29,0	26	18	70,5	10	
	P521213	B	12	PG13	13,0	12,8	50,5	61,7	28,5	29,0	26	18	71,4	10	
PG RGM 90° / AE-PA-PGM-S	P521713	A	17	PG13	13,0	10,1	77,1	66,6	34,0	29,0	26	16	79,0	10	
	P521716	A	17	PG16	13,0	14,7	79,1	66,2	34,0	33,0	30	21	82,4	10	
	P522316	A	23	PG16	13,0	15,8	89,6	79,0	41,7	33,0	30	21	90,3	6	
	P522321	A	23	PG21	14,0	19,2	93,1	81,1	41,7	40,0	36	24	121,9	6	
	P522929	A	29	PG29	14,0	28,6	102,9	88,3	48,2	50,0	46	34	177,8	6	
	P523629	A	36	PG29	14,0	30,1	124,3	103,7	59,7	50,0	46	36	222,7	4	
	P523636	A	36	PG36	17,0	36,0	129,3	107,2	59,7	60,0	55	46	262,1	4	
	P524836	A	48	PG36	17,0	38,8	137,3	118,7	71,0	62,0	55	46	269,2	4	
P524848	A	48	PG48	17,0	47,8	143,3	120,5	71,0	74,0	65	55	351,8	4		

