

PA RGM 45° Cable Protection Fitting

EURO 2000



NFPA
130

HALOGEN
FREE



Areas of application



DESCRIPTION

The one-piece PA RGM 45° 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 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 45° 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 45° ensures significant time saving during installation and disassembly.

TECHNICAL SPECIFICATION

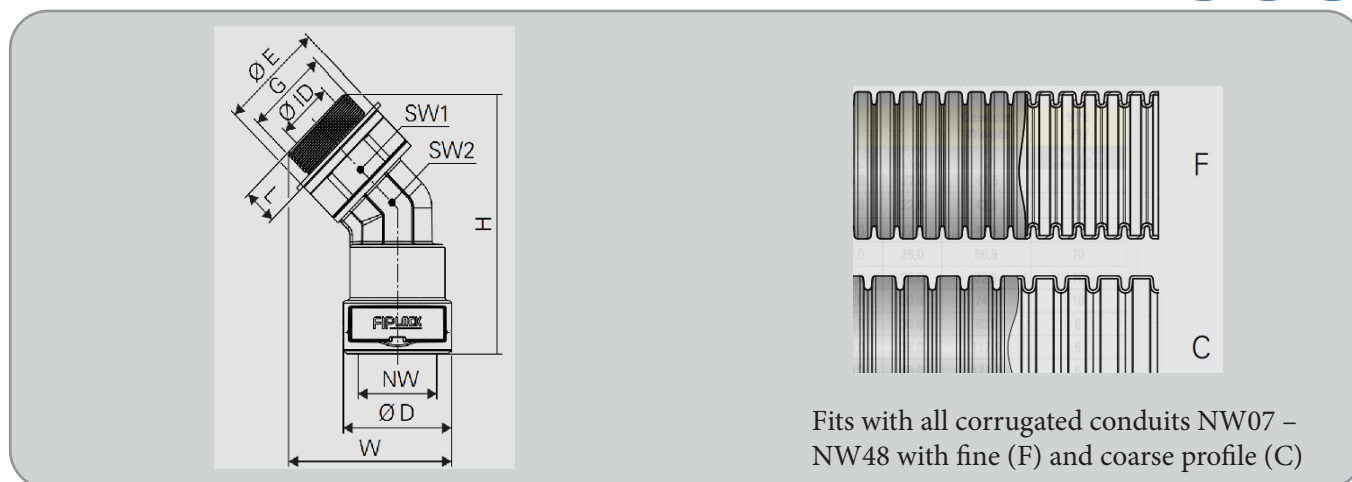
Different performances	Characteristics	Unit	Standards, Specifications	Remark
Application performances				
Temperature range	-50 bis / to +120 -58 bis / to +248	°C °F	IS FIP	-
Temperature (short-term)	150 (500 h); 160 (100 h) 302 (500 h); 320 (100 h)	°C °F	IS FIP	-
Material performances				
Notched bar 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 NW07 – NW48 with fine (F) and coarse profile (C)

CODICE FAMIGLIA	Code	Nominal width	Thread	Dimensions in mm								Weight	Pack.	Temperature Range
		NW	G	L	Ø ID	H	W	Ø D	Ø E	SW1	SW2	gram	N°Pz	
PA RGM 45° / AAPA	ISO THREAD													- 50° C + 120° C
	P321012	10	M12x1.5	10,0	7,0	65,4	39,6	24,7	24,0	22	13	43,8	10	
	P321016	10	M16x1.5	10,0	9,1	66,8	41,0	24,7	24,0	22	13	46,1	10	
	P321216	12	M16x1.5	10,0	8,8	70,0	43,6	28,5	25,0	22	14	49,6	10	
	P321220	12	M20x1.5	10,0	12,2	72,2	45,9	28,5	29,0	26	16	69,9	10	
	P321720	17	M20x1,5	10,0	13,2	84,7	50,0	34,0	29,0	26,0	18,0	76,3	10	
	P321725	17	M25x1,5	11,0	17,0	86,7	52,3	34,0	33,0	30,0	21,0	79,2	10	
	P322325	23	M25x1,5	11,0	17,7	90,8	58,2	41,7	33,0	30,0	24,0	87,0	6	
	P322332	23	M32x1,5	13,0	21,2	95,4	62,9	41,7	40,0	36,0	27,0	126,2	6	
	P322932	29	M32x1,5	13,0	25,6	96,5	66,8	48,2	50,0	46,0	34,0	180,0	6	
	P322940	29	M40x1,5	13,0	28,7	99,3	69,7	48,2	50,0	46,0	34,0	177,7	6	
	P323632	36	M32x1,5	13,0	25,6	118,7	76,0	59,7	50,0	46,0	41,0	215,6	4	
	P323640	36	M40x1,5	13,0	32,4	121,5	78,8	59,7	50,0	46,0	41,0	213,3	4	
	P323650	36	M50x1,5	14,0	35,0	126,2	83,5	59,7	60,0	55,0	41,0	246,4	4	
P324850	48	M50x1,5	14,0	42,0	131,7	91,0	72,0	62,0	55,0	50,0	269,8	4		
P324863	48	M63x1,5	14,0	50,0	135,0	94,5	72,0	74,0	65,0	55,0	317,1	4		
PG RGM 45° / AA- PA-PGM-S	PG THREAD													- 50° C + 120° C
	P511009	10	PG09	12,0	9,1	67,9	42,4	24,7	24,0	22	13	45,8	10	
	P511209	12	PG09	12,0	8,8	71,2	45,0	28,5	25,0	22	14	49,3	10	
	P511211	12	PG11	12,0	12,2	73,3	46,9	28,5	29,0	26	16	70,4	10	
	P511213	12	PG13	13,0	12,2	74,5	48,1	28,5	29,0	26	16	71,2	10	
	P511713	17	PG13	13,0	13,2	87,1	52,3	34,0	29,0	26	18	77,7	10	
	P511716	17	PG16	13,0	17,0	87,3	52,9	34,0	33,0	30	21	80,8	10	
	P512316	23	PG16	13,0	17,6	91,5	58,9	41,7	33,0	30	24	88,5	6	
	P512321	23	PG21	14,0	21,2	95,0	62,3	41,7	40,0	36	27	119,5	6	
	P512929	29	PG29	14,0	28,7	99,1	69,3	48,2	50,0	46	34	173,1	6	
	P513629	36	PG29	14,0	32,0	121,3	78,4	59,7	50,0	46	41	208,7	4	
	P513636	36	PG36	17,0	35,0	127,5	84,5	59,7	60,0	55	41	241,0	4	
	P514836	48	PG36	17,0	42,0	132,9	92,1	72,0	62,0	55	50	264,3	4	
	P514848	48	PG48	17,0	50,0	138,5	97,7	72,0	74,0	65	55	339,3	4	

