PA RGM Cable Protection Fitting

Areas of application

infrastrutture / infrastructure · bordo macchina / machines board · energia / energy · chimico farmaceutico / chemical and pharma · terziario e servizi / service industries · alimentari / food industry · ferroviario / railway industry · marino / maritime industry · industriale / industrial

DESCRIPTION

The one-piece PA RGM 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 is also perfectly suitable for outdoor installations. With the brand new 360° interlocking system and an inside conduit seal, PA RGM 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 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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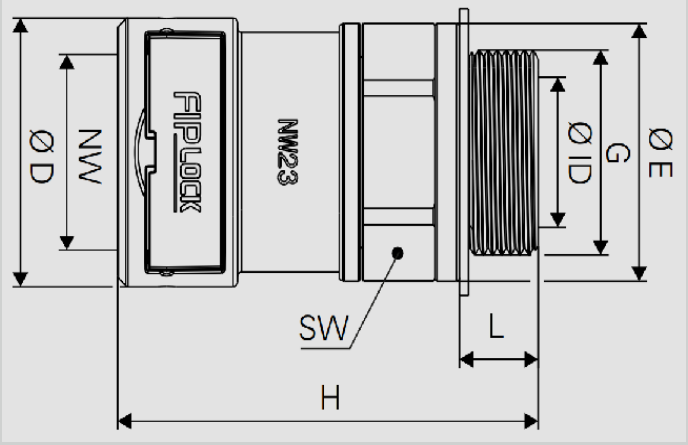

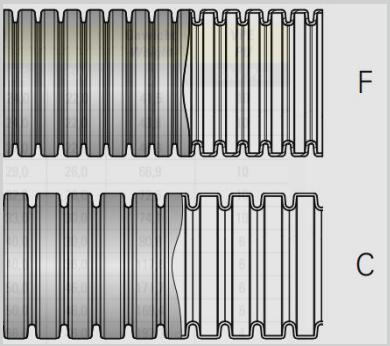

Fits with all corrugated conduits NW07 – NW48 with fine (F) and coarse profile (C)

CODICE FAMIGLIA	Code	Nominal width	Thread	Dimensions in mm						Weight	Pack.	Temperature Range	
		NW	G	L	Ø ID	H	Ø D	Ø E	SW	gram	N°Pz		
PA RGM / ASPA-MML-S	ISO THREAD											- 50°C	+ 120°C
	P301012	10	M12x1,5	10,0	7,0	53,3	24,7	24,0	22,0	41,5	10		
	P301016	10	M16x1,5	10,0	10,0	53,3	24,7	24,0	22,0	43,8	10		
	P301216	12	M16x1,5	10,0	10,0	55,6	28,5	27,0	22,0	46,8	10		
	P301220	12	M20x1,5	10,0	12,4	56,6	28,5	29,0	26,0	66,9	10		
	P301720	17	M20x1,5	10,0	12,6	65,8	34,0	32,0	26,0	72,5	10		
	P301725	17	M25x1,5	11,0	17,0	66,3	34,0	33,0	30,0	74,1	10		
	P302325	23	M25x1,5	11,0	17,5	66,4	41,7	40,0	30,0	80,8	6		
	P302332	23	M32x1,5	13,0	23,3	69,4	41,7	40,0	36,0	117,6	6		
	P302932	29	M32x1,5	13,0	25,6	71,4	48,4	50,0	46,0	171,7	6		
	P302940	29	M40x1,5	13,0	29,0	71,4	48,4	50,0	46,0	169,4	6		
	P303632	36	M32x1,5	13,0	25,6	84,2	59,7	56,0	46,0	197,3	4		
	P303640	36	M40x1,5	13,0	31,7	84,2	59,7	56,0	46,0	195,0	4		
	P303650	36	M50x1,5	14,0	36,5	85,3	59,7	60,0	55,0	225,9	4		
	P304850	48	M50x1,5	14,0	41,9	85,9	72,0	68,0	55,0	240,1	4		
	P304863	48	M63x1,5	14,0	48,0	84,2	72,0	71,0	65,0	286,5	4		
PA RGM / ASPA-PGM-S	PG THREAD												
	P501009	10	PG9	12,0	10,3	55,3	24,7	24,0	22	43,3	10		
	P501209	12	PG9	12,0	10,1	57,6	28,5	27,0	22	46,3	10		
	P501213	12	PG13	13,0	12,4	59,6	28,5	29,0	26	68,2	10		
	P501713	17	PG13	13,0	12,6	68,8	34,0	32,0	26	73,7	10		
	P501716	17	PG16	13,0	17,0	68,3	34,0	33,0	30	75,6	10		
	P502316	23	PG16	13,0	17,5	68,4	41,7	40,0	30	82,2	6		
	P502321	23	PG21	14,0	23,1	70,4	41,7	40,0	36	111,9	6		
	P502929	29	PG29	14,0	29,0	72,4	48,4	50,0	46	164,6	6		
	P503629	36	PG29	14,0	31,7	85,2	59,7	56,0	46	190,3	4		
	P503636	36	PG36	17,0	36,5	88,3	59,7	60,0	55	220,5	4		
	P504836	48	PG36	17,0	41,9	88,9	72,0	68,0	55	234,7	4		
	P504848	48	PG48	17,0	48,0	90,7	72,0	71,0	65	309,1	4		

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