

TECHNICAL DATA SHEET

PMA Accessories - RKS - Conduit terminal sleeves**PMA****Applications:**

- Conduit termination where no fitting is required

Features & Benefits:

- Cylindrical design
- Clean conduit end termination
- Very good chemical properties
- Fits both conduit profiles - fine (T) and coarse (G)

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

- PMAFLEX Pro Conduits
- PMAFLEX Multilayer Conduits
- PMAFLEX Conduits
- PMA Smart Line Conduits

Conforms to:

- EN 45545-2 HL3 (R23 & R23)
- NFPA 130
- UL 94 (V0)

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

Chemical properties:

- Excellent resistance to fuels, mineral oil, fat, alkalies, common solvents, glycols, bases and weak acids
- Please refer to www.pma.ch
(Technical Information / Chemical Resistance)

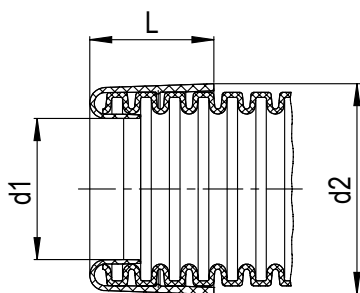
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Conduit size	Dimensions in mm (nom.)			Weight	Packing unit
black	NW	L	d1	d2	kg/100 pcs	pcs/PU
RKS-07	7	16.0	4.5	12.5	0.08	100
RKS-10	10	16.0	8.0	15.5	0.11	100
RKS-12	12	20.0	10.0	19.0	0.16	100
RKS-17	17	21.0	13.0	24.0	0.20	100
RKS-23	23	22.0	20.0	32.0	0.34	50
RKS-29	29	22.0	25.0	38.0	0.37	30
RKS-36	36	25.0	33.0	46.0	0.59	20
RKS-48	48	25.0	45.0	58.0	0.77	10
RKS-56	56	28.0	54.0	71.0	0.98	10

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1'200 ... 3'700 N/mm ²		ISO 527
Tensile strength	45 ... 65 N/mm ²		ISO 527
Notched bar impact test	4 ... 20 kJ/m ²		ISO 180/1C
Vibration and shock standard	Cat. 2	IEC 61373, IEC 60068-2-27 / -64	

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-50 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	non flame-propagating		IEC EN 61386-1
Flame class	V0		UL 94

Fire hazard level	HL3		EN 45545-2 (R22)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 150 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 0.75 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

Fire hazard level	HL3		EN 45545-2 (R23)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 300 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 1.5 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

Fire performance NFPA 130:			NFPA 130
- Flammability	compliant		ASTM E 162
- Smoke density	compliant		ASTM E 662

Heat and visible smoke	26.00 MJ/kg		ASTM E 1354
Smoke emission toxicity	compliant		Bombardier SMP 800-C
Smoke emission toxicity	compliant		Boeing BSS 7239

Content of delivery:

- Conduit Terminal Sleeve

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