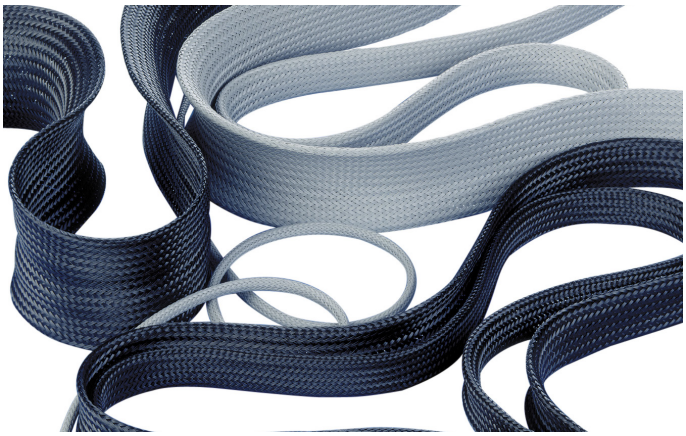
TECHNICAL DATA SHEET

PMAJACK - F.66 - Braided Hose



Fire safety bundling and protection of cables and wire in applications where high standards and excellent abrasion properties are required

Applications:
- Industry, aviation, construction of vehicles and trains

Features & Benefits:
- Coverage: > 90%
- Excellent abrasion properties
- High temperature stability
- Lightweight structure
- High flexibility
- Self-extinguishing

Materials:
- Polyamide 6.6

Compatible with:
- PMAJACK terminations

Temperature range:
- –55°C ... +135°C continuous, +160°C short-term

Conforms to:
- EN 45545-2 HL3 (R22 & R23)
- NFPA 130
- UL94 V2

Construction:
- According to DIN 65164 (part 1 and 2)
- Stand Ø: 0.28 mm

Colour:
- Black
- Grey

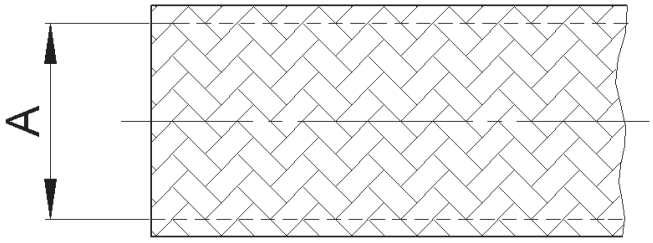
Chemical properties:
- Please refer to www.pma.ch (Technical Information / Chemical Resistance)

Environmental properties:
- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.		Construction	Braid size	fits to	Range of application		Weight	Packing unit
black	grey	numb. x Ø mm	NW	PMA terminations	min. Ø mm	max. Ø mm	kg/100 m	metre
F.66.04SW	F.66.04GR	48 x 0.28	4	-	3.0	7.0	0.4	100
F.66.06SW	F.66.06GR	72 x 0.28	6	SRER-06	5.0	8.0	0.6	100
F.66.08SW	F.66.08GR	96 x 0.28	8	SRER-06	7.0	10.0	0.8	100
F.66.10SW	F.66.10GR	120 x 0.28	10	SRER-06	9.0	13.0	1.0	50
F.66.12SW	F.66.12GR	160 x 0.28	12	SRER-06	11.0	16.0	1.4	50
F.66.16SW	F.66.16GR	192 x 0.28	16	SRER-16	15.0	21.0	1.7	50
F.66.20SW	F.66.20GR	240 x 0.28	20	SRER-16	20.0	26.0	2.0	50
F.66.25SW	F.66.25GR	280 x 0.28	25	SRER-21	24.0	31.0	2.2	50
F.66.30SW	F.66.30GR	384 x 0.28	30	SRER-21 / SRER-29	28.0	38.0	3.5	50
F.66.40SW	F.66.40GR	480 x 0.28	40	SRER-29	38.0	49.0	4.2	50
F.66.50SW	F.66.50GR	600 x 0.28	50	SREV-40 / SRER-50	48.0	65.0	5.1	50
F.66.70SW	F.66.70GR	600 x 0.28	70	SREV-40 / SRER-50	48.0	85.0	4.9	50

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time
Braids in black colour UL recognized to UL 1441 (UL file E 125619)



Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	–55 ... +135°C		PMA DO 9.21-4510
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

Fire safety properties:	Value:	Test parameters:	Test method:
Flammability class	V2		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/m2)
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/m2)
Toxicity	< 1.5 CIT_{NLP}		NF X 70-100-1/-2: (600°C)
Fire performance:			NFPA 130
- Flammability	compliant		ASTM E 162
- Smoke density	compliant		ASTM E 662

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