
 TECHNICAL DATA SHEET

PMAJACK - C.66 - Braided Hose




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


Applications:

- Industry, construction of vehicles and trains

Features & Benefits:

- Coverage: > 75%
- Excellent abrasion properties
- 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)

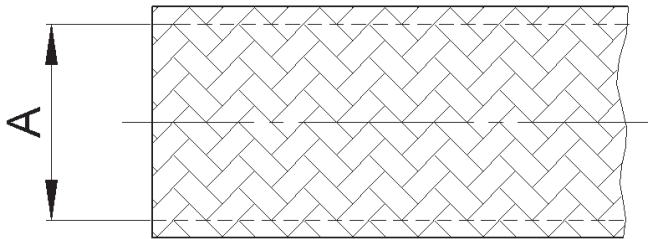
Environmental properties:

- 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
C.66.10SW	C.66.10GR	80 x 0.28	10	SRER-06	8.0	14.0	0.7	50
C.66.12SW	C.66.12GR	120 x 0.28	12	SRER-06	9.0	18.0	0.9	50
C.66.16SW	C.66.16GR	144 x 0.28	16	SRER-06 / SRER-16	11.0	22.0	1.2	50
C.66.20SW	C.66.20GR	192 x 0.28	20	SRER-16 / SRER-21	14.0	26.0	1.6	50
C.66.25SW	C.66.25GR	168 x 0.28	25	SRER-16 / SRER-21	18.0	26.0	1.3	50
C.66.30SW	C.66.30GR	288 x 0.28	30	SRER-21 / SRER-29	25.0	43.0	3.2	50
C.66.40SW	C.66.40GR	288 x 0.28	40	SRER-29	30.0	52.0	2.5	50
C.66.45SW	-	480 x 0.28	45	SREV-40 / SRER-50	40.0	73.0	4.0	60

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



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/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:		
- Flammability	compliant	ASTM E 162
- Smoke density	compliant	ASTM E 662

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