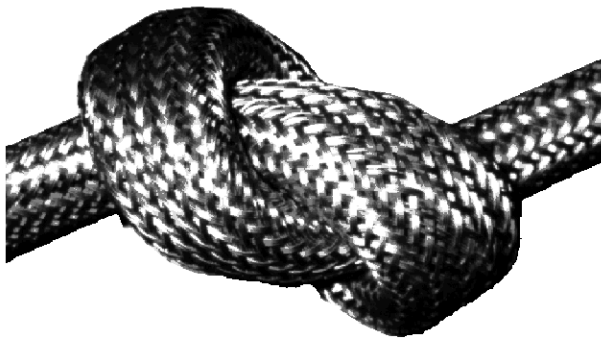


### Monofilament Braided Sleeving HMS/PET Polyester, selfextinguishing, halogene free



This system HMS/PET for cable-protection is braided of heat-resistant Polyester. The diameter of 0.25 mm per single fiber, combined with the excellent properties of Hahm's **selfextinguishing** and **halogene-free** Polyester guarantees maximum protection of wires and cables. With minimum possible weight, our braidings show at least 75% surface-coverage at a maximum of flexibility.

Cables can be inserted fast and easy just by expanding the sleeving. Spiders can be done simply through the braiding without cutting. Costs of stocking are reduced, as one sleeving serves several diameters. Special braiding constructions are possible for problems such as e.g. premounted plugs.

<b>Make up:</b>	rolls of 100 meters or cardboard spools, cut by heat to customers specification, ends sealed (length 50 mm to 100.000 mm)
<b>Diameter of single fiber:</b>	0.25 ± 0.01 mm
<b>Tensile strength:</b>	approx. 2.1 kg per single monofilament
<b>Number of filaments:</b>	depending on diameter
<b>Minimum radius:</b>	1mm
<b>Surface coverage:</b>	minimum when delivered 75 %
<b>Colours available:</b>	black
<b>Operating diameter range:</b>	2,0 to 70 mm
<b>Operating temperature:</b>	-40° C to 150° C, 200° C shorttime
<b>Melting point:</b>	approx. 260° C
<b>Specific weight:</b>	1.39 kg/dm <sup>3</sup>
<b>Combustibility:</b>	to FMVSS-302 test thickness 1/16" compare also DIN 75200 DIN 4102 B2, DIN 54333 - T1
<b>Requirements met:</b>	VDE II B / VDE 0304, part 3 ( 5.70 )

<b>Usage:</b>	DIN 4102, DIN 5510 DIN 65164 <b>halogenfree, nontoxic</b> Automotive, robots, mechanical and thermal protection, wire harness, medicine, aircraft and railway
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# D i a m e t e r s   a n d   w o r k i n g   a r e a s

**Diameters:** from 2.0 to 70 mm bore on coils, or wound on cardboard cores,  
cut to pieces, ends sealed by heat against fraying.

**Colours:** standard black

Type HMS/PET	Dimension	reccomended diameter from            to	Number of fibers	maximum length endless	Weightt per 1.000 m	Make up
HMS/PET 2/6	mm	~2            ~6	40	ca. 660 m	3,00 kg	Rolls, spools cut by heat
HMS/PET 4/8	mm	~4            ~8,5	48	ca. 660 m	3,50 kg	Rolls, spools cut by heat
HMS/PET 7/15	mm	~7            ~15	80	ca. 660 m	6,00 kg	Rolls, spools cut by heat
HMS/PET 8/19	mm	~8            ~19	96	ca. 660 m	7,00 kg	Rolls, spools cut by heat
HMS/PET 10/22	mm	~10           ~22	120	ca. 450 m	9,30 kg	Rolls, spools cut by heat
HMS/PET 12/23	mm	~12           ~23	144	ca. 450 m	11,64 kg	Rolls, spools cut by heat
HMS/PET 16/31	mm	~16           ~31	192	ca. 350 m	14,07 kg	Rolls, spools cut by heat
HMS/PET 24/36	mm	~24           ~36	216	ca. 450 m	16,39 kg	Rolls, spools cut by heat
HMS/PET 32/49	mm	~32           ~49	288	ca. 350 m	20,95 kg	Rolls, spools cut by heat
HMS/PET 40/69	mm	~40           ~70	384	ca 350 m	27,94 kg	Rolls, spools cut by heat

**Details and information contained in this document or otherwise given by our employees is based on our overall experience and is offered with the best of our knowledge; it does not, however, make us liable. Details and values should always be checked by the customer.**