

# HellermannTyton

## DATA SHEET

## HEGPETFR: Helagaine

### DESCRIPTION

HEGPETFR is a braided flexible and expandable sleeve made up of flame-retardant polyester monofilaments.

With its raw material flame retardant and conform to UL 94 V0, halogen-free, this sleeve is mainly used in the railway industry.

### APPLICATION

This sleeve is particularly designed for abrasion protection of bundles of electrical cables. HEGPETFR is therefore particularly recommended in applications such as public transport, aircraft industry, telecommunications, underground cables, etc.

Its expandable feature makes it easy to install while taking up significant differences in cross section, elbows, connections, etc., without bends or flattening.

Hot cutting to length means there is no fraying of the ends.

The wide range of sizes of HEGPETFR means it can cover all diameters thanks to its expandable capacity.

Supplied in coils or cut to length, HEGPETFR is an efficient and aesthetic solution to protect your electric cables wherever there the risk of fire and harm from smoke to be controlled.

### PROPERTIES

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		Polyethylene terephthalate CAS No: 25038-59-9
Melting point		250°C
Continuous working temperature		from -50°C to +150°C
Peak temperature		175°C
Flammability Toxicity and harm from smoke	<ul style="list-style-type: none"><li>- Renault D45 1333 and FMVSS 302</li><li>- NF EN ISO 4589 -2</li><li>- ISO 3795</li><li>- UL 94</li><li>- FAR 25-853</li><li>- NF F 16-101</li><li>- NF X 70-100</li></ul>	<ul style="list-style-type: none"><li>- Complies Classification B, auto-extinguishing</li><li>- Oxygen index: 40.8%</li><li>- Complies</li><li>- Conform V0 (raw material)</li><li>- Complies</li><li>- Classification I2 F1</li><li>- ITC = 24.3</li></ul>
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

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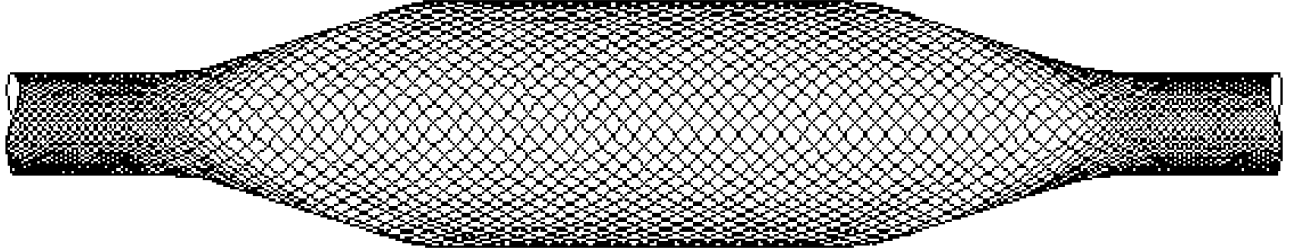
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REFERENCES		USE		CONSTRUCTION	STANDARD
BLACK	UNS	MIN (mm.)	MAX (mm.)	Weight (g/100m)	Coil (m.)
HEGPETFR03	170-81000	2	5	360	100
HEGPETFR04	170-81001	3	7	430	100
HEGPETFR05	170-81002	4	9	490	100
HEGPETFR06	170-81003	5	11	580	100
HEGPETFR08	170-81004	7	13	720	100
HEGPETFR10	170-81005	9	15	870	50
HEGPETFR12	170-81006	11	17	1030	50
HEGPETFR15	170-81007	13	20	1130	50
HEGPETFR20	170-81008	18	25	1310	50
HEGPETFR25	170-81009	22	30	1800	50
HEGPETFR30	170-81010	27	40	2180	50
HEGPETFR40	170-81011	35	50	2950	50
HEGPETFR50	170-81012	45	60	3610	50

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