

TISA-GUARD® HSF

MECHANICAL PROTECTION

-40°C +125°C

FEATURES AND ASSETS:

- **High fitting accuracy**
- **Excellent abrasion resistance**
- **High flexible fabric**
- **2:1 shrink ratio even on narrow radii**
- **Easy cutting**

TYPICAL APPLICATIONS:

- **Protection of Durit® hoses**
- **Protection of hoses, & pipes**

PRELIMINARY DATA SHEET

SPECIFICATIONS :

TISA-GUARD® HSF is a woven flexible and shrinkable sleeve made of polyester multifilaments and irradiated modified polyolefin monofilaments.

Heated above 110°C, the HSF sleeve shrinks and provides tight fit around the pipe to protect, even on narrow radii. It provides outstanding abrasion resistance even in high temperature environment.

It can also be used for sound dampening.



Very flexible, the HSF sleeve is easy to install on bent Durit® and guarantees protection against abrasion, oils, trapped water, heat and humidity.



TRESSE
INDUSTRIE



TISA-GUARD® HSF

FEATURE	METHOD, STANDARD, REGULATION	VALUE
Chemical nature of Multifilaments		Textured Polyester
Chemical nature of Monofilaments		Polyethylene
Chemical nature of Bonding yarn		Polyester
Operating temperature range		-40°C to 125°C (2000h) -40°C to 150°C (1000h)
Peak temperature		175°C
Abrasion resistance	PSA - Citroën D44 1959 PSA - Citroën S21 5101 (2010)	Class 150 Tool C Cotation 5
Thermal Ageing	PSA - Citroën D44 1959 PSA - Citroën S21 5101 (2010)	Class 150 Tool C Cotation 5
Chemical resistance		Diesel, gas, oil, acids

REF	INSIDE DIAMETER (mm)	
	As supplied	After heating
HSF 3015-0/	30	15
HSF 4020-0/	40	20
HSF 5025-0/	50	25
HSF 6030-0/	60	30
HSF 7035-0/	70	35
HSF 8040-0/	80	40

Note : Wall thickness approx. 1 mm

Standard colour : black only
Other dimensions upon request

STORAGE CONDITIONS :

The product must be stored in a dry cool conditions kept from dust and direct UV radiations.
Maximum storage temperature = 60°C

HANDLING :

Easily cut with standard industrial cold cutting equipment

These references are those of our standard TISA-GUARD® HSF range. Please contact us for any other construction, parameter, material, packaging, colour, etc.



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