

TISA-FLEX® PPS

HIGH EXPANSION BRAIDED SLEEVING

-70°C +200°C

FEATURES AND ASSETS:

- **High abrasion and impact resistance**
- **Fuel, solvents, acids & bases resistant**

TYPICAL APPLICATIONS:

- **Cable & bundling protection for heavy duty equipments**
- **Aerospace, military, hostile environments**

SPECIFICATIONS :

TISA-FLEX® PPS : the solution for high temperature application: mechanical protection and holding of cable harnesses.

Tubular braided sleeve made from Polyphenylene sulfide monofilaments. Its specially designed construction gives this sleeve an expansion ratio up to 1:3, making it very quick and easy to place over bundles of cables and requiring only a few references to cover all the range.

With a continuous working temperature of -70°C to +200°C (withstands peaks up to +250°C) **TISA-FLEX® PPS** can be used in difficult conditions and is suitable for all industrial uses. Moreover **TISA-FLEX® PPS** is inherently low flammable, low toxic smoke.

TISA-FLEX® PPS resist various chemical products:

Mineral acids and alkalis, common solvents, brake fluid, motor oils, fuels, etc.

The resistance to water, including boiling water, is particularly good for **TISA-FLEX® PPS** sleeveings.

PACKAGING :

Standard Packaging : reels

TISA-FLEX® PPS can be cut to lengths upon request

Other packaging upon request.

COLOUR :

Standard : Black

Upon request : Natural (translucent)

ISO 14001
ISO 9001
ISO/TS 16949
BUREAU VERITAS
Certification



ISO 13485
BUREAU VERITAS
Certification



TRESSE
INDUSTRIE



TISA-FLEX® PPS

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		Polyphenylene sulfide
Melting point		250°C
Continuous working temperature		+200°C
Low temperature flexibility		-70°C
Thermo-ageing	Automotive specification	Complies with automotive specification, resistance > 1000 h at 150°C
Flammability Toxicity and harm from smoke	- Renault D45 1333 and FMVSS 302 - UL 94	- Complies - Raw material VO
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

REF.	APPLICATION RANGE *			APPLICATION RANGE *		
	METRIC			IMPERIAL		
	Size (mm)	MIN (mm)	MAX (mm)	Size (inches)	MIN (inches)	MAX (inches)
PPS012-X	3.2	2.4	6.4	1/8	3/32	1/4
PPS025-X	6.4	3.2	9.5	1/4	1/8	3/8
PPS038-X	9.5	4.7	15.9	3/8	3/16	5/8
PPS050-X	12.7	6.4	19.1	1/2	1/4	3/4
PPS063-X	15.9	9.5	25.4	5/8	3/8	1
PPS075-X	19.1	12.7	31.8	3/4	1/2	1-1/4
PPS125-X	31.8	19.1	44.5	1-1/4	3/4	1-1/2
PPS175-X	44.5	31.8	69.8	1-3/4	1-1/4	2-3/4
PPS200-X	50.8	38.1	76.2	2	1-1/2	3
PPS250-X	63.5	44.5	92.0	2-1/2	1-3/4	3-5/8

X = Color code 0 = BLACK N = Natural

* Recommended range of use

Available in spools and bulk reels

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



The information and illustrations given herein are believed to be reliable. Tresse-Industrie makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Tresse-Industrie's only obligations are those in the standard terms of sale for this product and Tresse-Industrie will not be liable for any consequential or other damages arising out of the use or misuse of this product. Users should make their own evaluation to determine the suitability of the product for specific applications.