

TISA-FLEX® P

MECHANICAL PROTECTION

-50°C +150°C

FEATURES AND ASSETS:

- **UL file N° E174148**
- **Highly expandable sleeve**
- **Excellent abrasion resistance**
- **Excellent cutting resistance**
- **Auto-extinguishing and halogen-free**
- **Lightweight**
- **Economic**
- **Recyclable**
- **Insensitive to condensation and fungus**

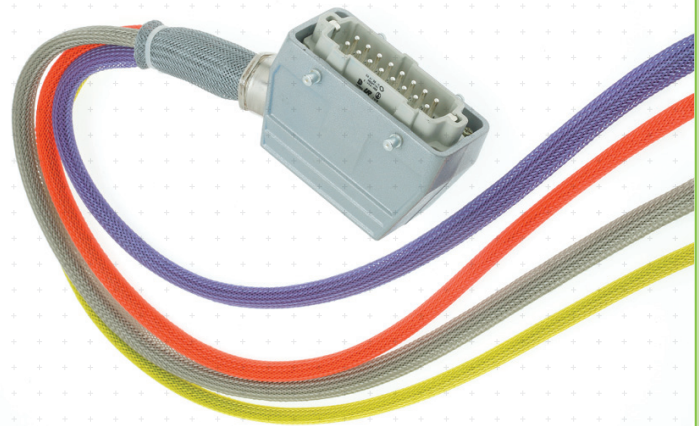
TYPICAL APPLICATIONS:

- **Protection of bundles of cables**
- **Automotive**
- **Powered environments**
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- **Powered environments**

SPECIFICATIONS :

TISA-FLEX® P is a braided flexible and expandable sleeve made up of polyester monofilaments of diameter 0.25 mm.

Its open construction is particularly suited to abrasion protection of bundles of electrical cables.



TISA-FLEX® P is a recyclable product, efficient in terms of the resistance and protection of electrical cables.

Its expandability (ratio of 3:1) 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 small range of sizes of **TISA-FLEX® P** means it can cover all diameters from 2.4 to over 76 mm thanks to its expandable capacity.

Supplied in spools or cut to length, **TISA-FLEX® P** is an economic, efficient and esthetic solution to protect your electrical cables.



TISA-FLEX® P

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		Polyethylene Terephtalate CAS No: 25038-59-9
Melting point		250°C
Continuous working temperature		from -50°C to +150°C
Peak temperature		175°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 - FAR 25-853	- Complies - Raw material classification V2 - Complies - Halogen-free
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

REFERENCES	USE **		CONSTRUCTION		STANDARD PACKAGING
	MIN (mm)	MAX (mm)	Number of wires	Weight g/100m*	Spool (m)
P 012	2,4	6,4	48	220	300
P 025	3,2	9,5	72	610	300
P 038	4,7	15,9	96	790	150
P 050	6,4	19,1	144	1200	150
P 075	12,7	31,8	216	1830	75
P 125	19,1	44,5	288	2370	75
P 175	31,8	69,8	480	3900	60
P 200	38,1	76,2	600	4670	30
P 250	44,5	92,0	720	5390	30

* Weight as guidance for 100 mm.

** Recommended range of use

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



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