

TISA-GUARD® PR

MECHANICAL PROTECTION

-50°C +150°C

FEATURES AND ASSETS:

- **Expandable sleeve**
- **Very dense braiding for optimum protection**
- **Excellent abrasion resistance**
- **Excellent cutting resistance**
- **Auto-extinguishing and halogen-free**
- **Lightweight**
- **Insensitive to condensation and fungus**

TYPICAL APPLICATIONS:

- **Protection of durit® hoses**
- **Protection of hoses and pipes**

SPECIFICATIONS :

TISA-GUARD® PR is a braided flexible and expandable sleeve made up of polyester monofilaments (diameter 0.22 mm, 0.25 mm or 0.28 mm).

Thanks to an extensive coverage rate, its braiding efficiently protects durit® hoses submitted to friction.

Its expandable feature makes it easy to install. **TISA-GUARD® PR** fully contours the differences in profiles and elbows of durit® hoses without bends or flattening.

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



Supplied in coils or cut to length, **TISA-GUARD® PR** is an efficient and esthetic solution to protect your durit® hoses. **TISA-GUARD® PR** is a recyclable product.



TISA-GUARD® PR

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		Polyethylene terephthalate CAS No: 25038-59-09
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 - NF G 07-128 (or ISO 4589 1&2) - UL 94 - FAR 25-853	- Complies - Oxygen index: 30.8% - Raw material classification V2 - Complies - halogen-free
Abrasion resistance	- Renault D44-1722 - Renault D44-1959	- PR4 = Type 4 - PR6 = Type 6 - PR8 = Type 8
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

REFERENCES	USE **	
	MIN (mm)	MAX (mm)
BLACK		
PR YXX -04	3	5
PR YXX -06	4	7
PR YXX -08	6	9
PR YXX -10	8	12
PR YXX -13	11	14
PR YXX -15	14	16
PR YXX -17	15	19
PR YXX -18	16	20
PR YXX -20	18	22
PR YXX -24	21	26
PR YXX -28	26	30
PR YXX -33	30	35
PR YXX -38	35	40

* Weight as guidance for 100 mm.

** Recommended range of use

OTHER DIMENSIONS: please contact us.

PACKAGING:

High capacity spools or cut pieces

PR : Reinforced protection.

Y : Type of protection according to standard Renault D44-1959 (4, 6 or 8)

XX : Diameter of monofilament:

- 22 = (diameter 0,22 mm)
- 25 = (diameter 0,25 mm)
- 28 = (diameter 0,28 mm)

Followed by the sleeve size.

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



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