

TISA-FLEX® SAS

MECHANICAL AND NOISE PROTECTION

-50°C +150°C

FEATURES AND ASSETS:

- **Expandable sleeve**
- **Absorption of noise from tapping and friction**
- **Excellent abrasion resistance**
- **Excellent cutting resistance**
- **Auto-extinguishing and halogen-free**
- **Lightweight**
- **Insensitive to condensation and fungus**

TYPICAL APPLICATIONS:

- **Noiseless sleeve for all car interior cables**

SPECIFICATIONS :

TISA-FLEX® SAS is a braided flexible and expandable sleeve made up of polyester monofilaments and multifilaments.

The main characteristic of this sleeve is not to generate noise in the event of tapping of the protected bundle (action of multifilaments) while also guaranteeing efficient protection in the event of friction (action of monofilaments).

Its expandable feature makes it easy to install and allows for taking up of significant differences in cross sections, elbows, connections, without bends or flattening.

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

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



TISA-FLEX® SAS

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
Vibration test	PSA B39-6120	Tapping noise level <55 dB Friction noise level <45dB
Flammability Toxicity and harm from smoke	- Renault D45 1333 and FMVSS 302 - UL 94 - FAR 25-853	- Complies - Raw material classed V2 - Complies
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

REFERENCES	USE **		CONSTRUCTION	STANDARD PACKAGING ***
BLACK	MIN (mm.)	MAX (mm.)	Weight g/100m*	(in m.)
SAS 03	1	4	320	200
SAS 04	2	8	500	200
SAS 06	4	11	670	100
SAS 09	6	16	820	100
SAS 12	8	20	1100	100
SAS 15	10	24	1200	50
SAS 20	13	30	1500	50
SAS 30	20	40	2100	50
SAS 40	30	50	2900	25
SAS 50	40	60	3600	25

* Weight as guidance for 100 mm.

** Recommended range of use

*** Coils: Sleeving packed in coil, attached with ties, covered with plastic film.
Rolls: Sleeving packed in rolls, covered with plastic film.



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