

Rated to +125°C

TWIST SW-FR



Self wrapping



Abrasion protection

TISATWIST® SW-FR is a self-wrapping woven sleeve made up of polyester multifilaments and monofilament. Quick and easy to place.

TISATWIST® SW-FR is a self-wrapping woven sleeve made up of polyester multifilaments and monofilament. Working with this product is non-aggressive for hands, and the smooth texture is pleasant to feel.

The self-wrapping behavior allows for TISATWIST® SW-FR fast and easy installation and quick removal for maintenance or additional cable insertion.

The self-wrapping sheath is mainly used when electrical harness is already done with its terminals and connectors.

Its shape makes it easy to install while taking up significant differences in cross sections, elbows, connections, etc.

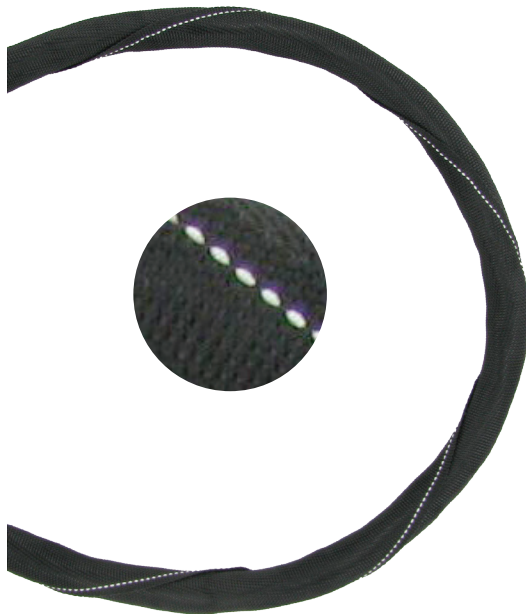
TISATWIST® SW-FR is an economic, efficient and aesthetic solution to protect electrical cables.

Packaging

Supplied in coils or cut pieces (minimum lengths : 100mm)

Recommandation

TWIST SW-FR should be tied at intervals if continuous working temperature exceeds +110°C.



Features and assets



Self wrapping



Excellent abrasion protection



Temperature : rated to +125°C



Vibrations protection



Impact protection



Lightweight



No-halogen

Typical Applications



Min : 5 mm

Max : 50 mm



Colours : Standard : Black with white tracer

TWIST SW-FR

Feature	Method, standard, regulations	Value
Chemical nature of monofilament		Flame retardant Polyester
Filaments dimension	Warp : - 1100 dtex (1250 denier) multifilaments - Black + 2 white Stripes	Weft : - 0.22 / 0.254 mm monofilaments - Black
Finishing		Heat treated
Melting point		+240°C
Continuous working temperature		-50°C +125°C
Flammability	- FMVS S302 - D45-1333 - PSA STE 96 230 915 99	- Complies - Self extinguishing type B - T3 (-40°C. +125°C)
Abrasion resistance	- PSA D44 1722 - ISO 6722	R8
Toxicity and harm from smoke - smoke opacity - Oxygen index - «I» and «F» classifications	- NFX 10-702-1 10-702-2 - NF-ISO 4589-2 - NF F 16-101 16-102	- Pass - Smoke Index : I2 - 36.1% - I2-F1
Dielectric strength		> 1kVAC
RoHS		Complies
Environment	European regulations	Complies
Electrical	Dielectric strength	From 1kVAC

References	Use *		Construction	Standard Packaging
	Min (mm.)	Max (mm.)	Weight (Kg/km)	Spools (In m.)
SW-FR 05	4	5	10,25	150
SW-FR 08	5	8	13,30	100
SW-FR 13	10	13	21,20	50
SW-FR 16	13	16	25	50
SW-FR 19	16	19	28,70	25
SW-FR 25	19	25	42,20	25
SW-FR 29	25	29	44	15
SW-FR 32	29	32	48,10	15
SW-FR 38	32	38	58	15
SW-FR 50	38	50	93	15

* Recommended range of use

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