

TISA-FLEX® NCS

MECHANICAL PROTECTION

-60°C +160°C

FEATURES AND ASSETS:

- **Expandable sleeve**
- **Excellent abrasion resistance**
- **Excellent cutting resistance**
- **Auto-extinguishing and halogen-free**
- **Lightweight**
- **Recyclable**
- **Insensitive to condensation and fungus**

TYPICAL APPLICATIONS:

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

SPECIFICATIONS :

TISA-FLEX® NCS is braided flexible and expandable sleeve made of Polyamide 6-6 monofilaments.

Its dense, tight construction is particularly suited to abrasion protection of bundles of electrical cables.

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

Its expandable feature 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 defined number of **TISA-FLEX® NCS** references means a wide range of diameters can be covered thanks to its expandable capacity.

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

ISO 14001
ISO 9001
ISO TS 16949
BUREAU VERITAS
Certification



ISO 13485
BUREAU VERITAS
Certification



TISA-FLEX® NCS

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		PA 66, polyamide 66 N° CAS : 32131-17-2
Melting point		255°C.
Continuous working temperature		-60°C to +160°C.
Peak temperature		200°C
Flammability Toxicity and harm from smoke	- Renault D45 1333 and FMVSS 302 - NF G 07-128 (or ISO 4589 1&2) - ISO 3795 - UL 94 - NF F 16-101 - NF EN 45545-2	- Complies Classification B, auto-extinguishing - Oxygen index: 31.7% - Complies - Raw material classed V2 - Classification I2 F2 - HL3 R22 & R23
RoHS	Directive 2002/95/CE	Complies
Environment	European regulations	Complies

REFERENCES		USE **		CONSTRUCTION		STANDARD PACKAGING ***
GREY	BLACK	MIN (mm.)	MAX (mm.)	Number of wires	Weight g/100m*	Coil (m.)
NG02	NN02	1	3	32	226	100
NG03	NN03	2	4	48	320	100
NG04	NN04	3	6	60	400	100
NG05	NN05	3	7	72	510	100
NG06	NN06	4	8	84	570	100
NG08	NN08	5	10	96	660	100
NG10	NN10	7	12	120	825	50
NG12	NN12	8	14	144	1030	50
NG14	NN14	10	16	160	1035	50
NG16	NN16	12	18	192	1275	50
NG20	NN20	15	23	224	1485	50
NG25	NN25	18	28	256	1705	50
NG30	NN30	25	32	288	1910	50
NG40	NN40	30	44	384	2520	50
NG50	NN50	40	55	480	3170	50
NG60	NN60	50	65	600	3930	50

* 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® NCS range. Please contact us for any other construction, parameter, material, packaging, colour, etc.

