Fiche products / Product description

TISA-FLEX® TCSE

MECHANICAL PROTECTION

-50°C +150°C



FEATURES AND ASSETS:

- I Highly expandable sleeve
- I Excellent abrasion resistance
- Excellent cutting resistance
- Auto-extinguishing, halogen-free
- I Lightweight
- I Economic
- Recyclable
- I Insensitive to condensation and fungus

TYPICAL APPLICATIONS:

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







SPECIFICATIONS:

TISA-FLEX® TCSE is braided flexible and expandable sleeve made of Polyester monofilaments of diameter 0.22 mm.

Its braiding is particularly designed for abrasion protection of bundles of electrical cables.



TISA-FLEX® TCSE is a recyclable product, efficient in terms of resistance and protection of electrical cables. Its expandability (ratio of 3:1) makes it easy to install while taking up significant differences in cross sections, 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® TCSE means it can cover all diameters from 3 to over 82mm thanks to its expandable capacity.

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



ITISA-FLEX® TCSE

| 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 175°C | | |
| Peak temperature | | | | |
| 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 classed V2 - Complies - Halogen-free | | |
| RoHS | Directive 2002/95/CE | Complies | | |
| Environment | European regulations | Complies | | |

| REFERENCES | | USE ** | | CONSTRUCTION | | STANDARD PACKAGING *** |
|------------|--------|-----------|-----------|-----------------|-------------------|------------------------|
| BLACK | GREY | MIN (mm.) | MAX (mm.) | Number of wires | Weight g/100m* | Coil (m.) |
| ETN 03 | ETG 03 | 3 | 8 | 72 | 410 | 100 |
| ETN 06 | ETG 06 | 5 | 12 | 96 | 565 | 100 |
| ETN 12 | ETG 12 | 8 | 21 | 144 | 845 | 100 |
| ETN 20 | ETG 20 | 12 | 30 | 216 | 1295 | 100 |
| ETN 30 | ETG 30 | 18 | 55 | 288 | 1680 | 50 |
| ETN 40 | ETG 40 | 24 | 66 | 480 | 2900 | 50 |
| ETN 50 | ETG 50 | 30 | 82 | 600 | 3600 | 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® TCSE range. Please contact us for any other construction, parameter, material, packaging, colour, etc.