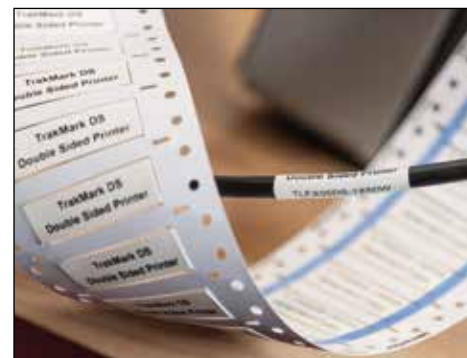


DS ShrinkTrak Rail (TLFX)

Description: Specially compounded, thin walled, flexible heat shrink tubing which shrinks uniformly to form a permanent insulation. The tubing has excellent printable properties for identification purposes. The TLFX DS is a 2:1 heat shrink material pre-cut and formatted onto a convenient “ladder” system.

Application: For insulation and identification of cables and wires in mass transit areas with limited fire hazard requirements, e.g., public buildings and transportation. TLFX DS is ideal for underground, railway, marine, offshore and aerospace applications.



Base Material: Polyolefin

Color: White

Shrink Temperature: >100C (>212F)

Continuous Operating

Temperature: -67° F to +221° F (-55° C to +105° C) Short term +275° F (5 minutes)

Elongation at break: 200% IEC 60684

Resistance:

Chemical	Performance	Test Method
Oils	Good	BS G 198
Acids	Good	BS G 198
Alkalis	Good	BS G 198
Fuels	Good	BS G 198
Abrasion	Good	BS G 198

Approvals:

- NFPA 130 (Exempt*)
- EN 45545-2 HL3 (Pass)
- ISO 5659-2 smoke generation (Pass)
- ASTM D2671 – Heat Load (Pass)
- UL 224 (Pass)
- SAE AS5942 3.4.1 Adherence (Pass)
- Mil-Std 202 method 215J (Pass)
- DIN 5510-2:2009-05 Results – S4; SR2; ST2; FED = 0.08/.04
- NF F-16 101 Results – F1; I3
- BS6853:1999 Results – R=0.5; 1a; A0
- ROHS2 (Pass)
- REACH (Pass)

**Per NFPA 130, 2017 Edition on page 25, article 8.4.1.9 outlines emission requirements based on combustible mass. Due to size of the tags (surface area) TLFX DS is exempt from NFPA 130. Regardless, the TLFX still passes the basic testing, which includes ASTM E162 on surface flammability, ASTM E662 on smoke generation and BSS 7239 on toxic gas generation, which are all test methods specified in the NFPA 130 standard.*

Shelf Life: 2 years