



the global cable identification system



Specifications:

- DEF STAN 59-97, issue 3, Type 8
- LUL Standard 1-085 (Limited, Dis-persed usage) (Formerly LUL 2-01001-002)
- BS6853 - Vehicle Cat. 1a
- EN45545 (HL1, HL2 and HL3)
- LUL 2-01001-002 (E1042A6)

Recommended Printer & Ribbon:

Sumitag Printers: STP-300 SS & DS

Ribbon: SM3 Super Ribbon

LFC Low Fire Hazard Continuous Printable Heatshrink 2:1 Shrink Ratio

Product Overview:

Flame retardant, zero halogen, low smoke, low toxicity radiation cross linked UV stabilized, printable polyolefin. Ideal where limited fire hazard properties must be the de-facto standard. Typical use in mass transit, marine and industrial installations where human safety is at risk. The markers are pre-conditioned for printing with the Sumitag™ printers and approved ribbons to meet industry standards. They are supplied in ladder format for ease of handling and sorting post printing.

Product Features:

- Flame retardant.
- Self-extinguishing.
- Low smoke.
- Zero Halogen.
- RoHS compliant.
- Colors—white and yellow.

Applications:

- Wire identification
- Wire protection
- Fluid resistance
- Strain relief
- Abrasion protection

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

915 Armorlite Drive
San Marcos, CA 92069 -1440

t: 800.758.3515

f: 800.758.3517

e: customerservice@seipusa.com

w: www.seipusa.com



LFC Low Fire Hazard Continuous Printable Heatshrink 2:1 Shrink Ratio

Print Performance:

Adherence: SAE-AS5942
MIL-STD-202G, Method 215J
Store in original packaging

Technical Specifications:

| Property | Value |
|---------------------------------------------|-------------------|
| Continuous Operating Temperature | -40°C to +105°C |
| Min Shrink Temp at Full Recovery | +115°C |
| Elongation After Heat Ageing 168hrs @ 158°C | 150% |
| Elongation After Heat Shock 4hrs @ 150°C | 100% Min |
| Longitudinal Change | +/-10% Max |
| Tensile Strength | 10.0 MPa Min |
| Elongation at Break | 200% Min |
| Oxygen Index | >32 ISO 4589-2 |
| Toxicity (R Value) | 0.31 BS6853 B1 |
| Smoke Emission (Ao) | 0.014 BS6853 D8.3 |

| Product Reference | Nominal Ø Supplied (inches) | Nominal Ø Recovered (inches) | Spool Length |
|-------------------|-----------------------------|------------------------------|--------------|
| LFC 3/32 | 0.094 | 0.047 | 30 meters |
| LFC 1/8 | 0.126 | 0.063 | 30 meters |
| LFC 3/16 | 0.189 | 0.094 | 30 meters |
| LFC 1/4 | 0.252 | 0.126 | 30 meters |
| LFC 3/8 | 0.374 | 0.189 | 30 meters |
| LFC 1/2 | 0.500 | 0.251 | 30 meters |
| LFC 3/4 | 0.750 | 0.374 | 30 meters |
| LFC 1 | 1.000 | 0.500 | 20 meters |
| LFC 1.5 | 1.500 | 0.750 | 20 meters |
| LFC 2 | 2.000 | 1.000 | 15 meters |

