



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

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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

