



LFH Low Fire Hazard Printable Marker Sleeves 2:1 Shrink Ratio



Approvals & Standards:

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

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:

- Dual printing on marker and backing for easy pickability.
- Liner fan folds for quick marker referencing.
- Ladder design provides kitting capability.
- Perforation after every sleeve allows for easy sorting.
- Flame retardant. Self-extinguishing.
- Low smoke. Zero Halogen.
- Single and double sided printing formats available.
- RoHS compliant.
- Colors—white and yellow.

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Technical Specifications:

Recommended Printer & Ribbon:

Sumitag™ Printer	STP-300 DS
Ribbon	SM3 Super Ribbon

Print Performance:

Adherence: SAE-AS5942
Meets MIL-STD-202, Method 215J
Store in original packaging
Recommended temp. at +10°C to 25°C 45-55% R.H.
Use within 3 years from date of manufacture

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

Nominal ø Sup. Inches	Nominal ø Rec. Inches	Nominal Recov. Wall Thickness Inches	Sleeve Length Inches	Markers Across	Markers Per Box	Order Code
3/32	0.047	0.019	1/2	4	4,000	LFH-3/32-1/2-WE-S-2X
3/32	0.047	0.019	1	2	2,000	LFH-3/32-1-WE-S-2X
3/32	0.047	0.019	2	1	1,000	LFH-3/32-2-WE-S-2X
1/8	0.063	0.019	1/2	4	4,000	LFH-1/8-1/2-WE-S-2X
1/8	0.063	0.019	1	2	2,000	LFH-1/8-1-WE-S-2X
1/8	0.063	0.019	2	1	1,000	LFH-1/8-2-WE-S-2X
3/16	0.094	0.019	1/2	4	4,000	LFH-3/16-1/2-WE-S-2X
3/16	0.094	0.019	1	2	2,000	LFH-3/16-1-WE-S-2X
3/16	0.094	0.019	2	1	1,000	LFH-3/16-2-WE-S-2X
1/4	0.126	0.025	1/2	4	4,000	LFH-1/4-1/2-WE-S-2X
1/4	0.126	0.025	1	2	2,000	LFH-1/4-1-WE-S-2X
1/4	0.126	0.025	2	1	1,000	LFH-1/4-2-WE-S-2X
3/8	0.189	0.025	1/2	4	4,000	LFH-3/8-1/2-WE-S-2X
3/8	0.189	0.025	1	2	2,000	LFH-3/8-1-WE-S-2X
3/8	0.189	0.025	2	1	1,000	LFH-3/8-2-WE-S-2X
1/2	0.250	0.025	1/2	4	4,000	LFH-1/2-1/2-WE-S-2X
1/2	0.250	0.025	1	2	2,000	LFH-1/2-1-WE-S-2X
1/2	0.250	0.025	2	1	1,000	LFH-1/2-2-WE-S-2X
3/4	0.375	0.030	1/2	4	4,000	LFH-3/4-1/2-WE-S-2X
3/4	0.375	0.030	1	2	2,000	LFH-3/4-1-WE-S-2X
3/4	0.375	0.030	2	1	1,000	LFH-3/4-2-WE-S-2X
1	0.50	0.035	1/2	4	4,000	LFH-1-1/2-WE-S-2X
1	0.50	0.035	1	2	2,000	LFH-1-1-WE-S-2X
1	0.50	0.035	2	1	1,000	LFH-1-2-WE-S-2X
1.5	0.75	0.039	2	1	1,000	LFH-1.5-2-WE-S-2X
2	1.00	0.050	2	1	1,000	LFH-2-2-WE-S-2X