



EMARKCON - LFH

The CON-LFH Endless sleeving is made of halogen free, flame retardant and low smoke heat shrinkable polyolefin tubing with ideal printability properties for identification purposes. The compound of the tubing is excluded for halogens and offers excellent low fire hazard characteristics combined with minimal smoke emission.

Dimensions

| Size, Inches | Size, mm | Minimum ID, as supplied | Minimum ID, recovered | Recovered wall thickness, mm |
|--------------|----------|-------------------------|-----------------------|------------------------------|
| 3/32 | 2.4 | 2.4 | 1.2 | 0.35±0.10 |
| 1/8 | 3.2 | 3.2 | 1.6 | 0.40±0.10 |
| 3/16 | 6.4 | 6.4 | 3.2 | 0.55±0.10 |
| 3/8 | 9.5 | 9.5 | 4.8 | 0.60±0.10 |
| 1/2 | 12.7 | 12.7 | 6.4 | 0.60±0.10 |
| 3/4 | 19.1 | 19.1 | 9.5 | 0.80±0.15 |
| 1 | 25.4 | 25.4 | 12.7 | 0.90±0.15 |
| 1 ½ | 38.1 | 38.1 | 19.1 | 1.00±0.15 |
| 2 | 50.8 | 50.8 | 25.4 | 1.00±0.15 |

Physical

| Properties | Test Method | Typical value |
|---------------------|-------------|---------------|
| Tensile strength | ASTM D 638 | ≥10.4MPa |
| Elongation at break | ASTM D 638 | ≥200% |
| Longitudinal change | UL 224 | ≤±5% |
| Water absorption | ASTM D 570 | ≤0,5% |

Electrical

| Properties | Test Method | Typical value |
|---------------------|-------------|------------------------|
| Dielectric strength | ASTM D 150 | ≥15 kV/mm ² |
| Volume resistivity | ASTM D 876 | 1014 Ω cm |

Specifications

2:1 shrink ratio
 Flame retardant, halogen free
 Good resistance to common fluids and solvents
 Shrink temperature 120°C (nominal, min. 90°C)
 Operating temperature -55°C to +125°C

SAE-AMS-DTL-23053/4 Class 1
 UL 224 cert. E203950
 CSA certified file 220127

Standard colours

Black, white, yellow

Non standard colours

Clear, red, blue, pink, violet, green, brown, orange, grey and other colours on request

Notes:

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Link Solutions makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose.

We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

Chemical

| Properties | Test method | Typical value |
|---------------------|-----------------|---------------|
| Chemical resistance | AMS-DTL-23053/5 | Good |
| Copper corrosion | UL 224 | No corrosion |

Thermal

| Properties | Test method | Typical value |
|-------------------------------|-------------|----------------------------------|
| Heat shock 4 hours at 250°C | ASTM D 2671 | No dripping, cracking or flowing |
| Heat aging 168 hours at 158°C | ASTM D 638 | Min. 100% |
| Flammability | UL 224 | No corrosion |

Storage

Store in original packaging.
 Recommended temperature at +10°C to +25°C
 and 45-55% relative humidity


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