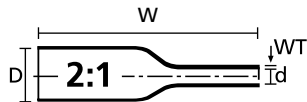


## Technical data sheet

Article number:  
553-60047

TLFX95DS-3x16YE



|                                                                                                                                                                 |                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Product Group</b>                                                                                                                                            | Shrinkable markers "Ladder Style", thermal transfer   |
| <b>Product Family</b>                                                                                                                                           | TLFX DS – 2:1 Rail Limited Fire Hazard "Ladder Style" |
| <b>Material</b>                                                                                                                                                 | Polyolefin, cross-linked (PO-X)                       |
| <b>Colour</b>                                                                                                                                                   | Yellow (YE)                                           |
| <b>Dielectric Strength [Test method]</b>                                                                                                                        |                                                       |
| 20 kV/mm [ASTM D2671]                                                                                                                                           |                                                       |
| <b>Elongation at break [Test method]</b>                                                                                                                        |                                                       |
| 200 % [ASTM D2671]                                                                                                                                              |                                                       |
| <b>Heat Aging Test [Test method]</b>                                                                                                                            |                                                       |
| 168h/150°C [ASTM D638]                                                                                                                                          |                                                       |
| <b>Heat Shock Test</b>                                                                                                                                          |                                                       |
| 4h/175°                                                                                                                                                         |                                                       |
| <b>Longitudinal Change After Shrinkage [Test method]</b>                                                                                                        |                                                       |
| -5% max. [UL 224]                                                                                                                                               |                                                       |
| <b>Low Temperature Test [Test method]</b>                                                                                                                       |                                                       |
| 4h/-40°C [ASTM D2671]                                                                                                                                           |                                                       |
| <b>Min. Shrink Temperature - °C</b>                                                                                                                             |                                                       |
| +100 °C                                                                                                                                                         |                                                       |
| <b>Operating Temperature</b>                                                                                                                                    |                                                       |
| -55 °C to +105 °C                                                                                                                                               |                                                       |
| <b>Oxygen index [Test method]</b>                                                                                                                               |                                                       |
| 34.9 % [ISO 4589]                                                                                                                                               |                                                       |
| <b>Package Content packed in</b>                                                                                                                                |                                                       |
| carton                                                                                                                                                          |                                                       |
| <b>Pack Cont.</b>                                                                                                                                               |                                                       |
| 7500 pcs.                                                                                                                                                       |                                                       |
| <b>Print Method</b>                                                                                                                                             |                                                       |
| thermal transfer print                                                                                                                                          |                                                       |
| <b>Recommended Ribbon Type</b>                                                                                                                                  |                                                       |
| TTDTHOUT                                                                                                                                                        |                                                       |
| <b>Recov. Ø d max.</b>                                                                                                                                          |                                                       |
| 4.8 mm                                                                                                                                                          |                                                       |
| <b>Shelf Life</b>                                                                                                                                               |                                                       |
| 24 months                                                                                                                                                       |                                                       |
| <b>Shrink Ratio</b>                                                                                                                                             |                                                       |
| 2:1                                                                                                                                                             |                                                       |
| <b>Specifications</b>                                                                                                                                           |                                                       |
| ASTM 1354, ASTM E 162, ASTM E 662, EN 45545-2, NFPA 130 compliant                                                                                               |                                                       |
| <b>Storage conditions</b>                                                                                                                                       |                                                       |
| 50% relative humidity., The storage in the original packaging is recommended., Please avoid warehousing under impacts such as high humidity, heat and coldness. |                                                       |
| <b>Supplied Ø D min.</b>                                                                                                                                        |                                                       |
| 9.5 mm                                                                                                                                                          |                                                       |
| <b>Tensile Strength [Test method]</b>                                                                                                                           |                                                       |
| 11 MPa [ASTM D2671]                                                                                                                                             |                                                       |
| <b>Thermal Transfer Printer</b>                                                                                                                                 |                                                       |
| TT431, TT4030DS, TT4030                                                                                                                                         |                                                       |
| <b>Toxicity index [Test method]</b>                                                                                                                             |                                                       |
| 0.03 CITg [EN 17084]                                                                                                                                            |                                                       |
| <b>Volume Resistance [Test method]</b>                                                                                                                          |                                                       |
| 10 <sup>14</sup> Ω cm [ASTM D257]                                                                                                                               |                                                       |

|                  |          |
|------------------|----------|
| Wall (WT)        | 0.700 mm |
| Water Absorption | 0.15 %   |

HF ✓

LFH ✓

RoHS ✓

EN 45545-2

ASTM

NFPA 130