

# LSU



Ultra thin wall, halogen free, flexible polyolefin heat shrink tubing

## Features and Application

2:1 shrink ratio

Ultra thin wall

Flexible

Zero halogen

Flame retardant UL 224 File E203950

Low smoke generation if burning

Operating temperature: -55°C to 125°C

Fully shrink temperature:  $\geq 110^\circ\text{C}$

RoHS and Sony compliant

UL E361238

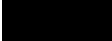

## Dimensions 2:1 (2X)

| SIZE |      | AS SUP-<br>PLIED                | AFTER RECOVERY                  |                                | STANDARD<br>PACKAGE        |
|------|------|---------------------------------|---------------------------------|--------------------------------|----------------------------|
| Inch | mm   | INTERNAL<br>DIAMETER<br>mm(min) | INTERNAL<br>DIAMETER<br>mm(max) | WALL THICK-<br>NESS<br>mm(nom) | SPOOL<br>LENGTH<br>m/spool |
| 3/64 | 1,2  | $\geq 1,2$                      | $\leq 0,6$                      | 0,20 $\pm$ 0,10                | 200                        |
| 1/16 | 1,6  | $\geq 1,6$                      | $\leq 0,8$                      | 0,20 $\pm$ 0,10                | 200                        |
| 3/32 | 2,4  | $\geq 2,4$                      | $\leq 1,2$                      | 0,22 $\pm$ 0,10                | 200                        |
| 1/8  | 3,2  | $\geq 3,2$                      | $\leq 1,6$                      | 0,28 $\pm$ 0,10                | 200                        |
| 3/16 | 4,8  | $\geq 4,8$                      | $\leq 2,4$                      | 0,30 $\pm$ 0,10                | 100                        |
| 1/4  | 6,4  | $\geq 6,4$                      | $\leq 3,2$                      | 0,32 $\pm$ 0,10                | 100                        |
| 3/8  | 9,5  | $\geq 9,5$                      | $\leq 4,8$                      | 0,35 $\pm$ 0,10                | 100                        |
| 1/2  | 12,7 | $\geq 12,7$                     | $\leq 6,4$                      | 0,40 $\pm$ 0,10                | 100                        |
| 5/8  | 16,0 | $\geq 16,0$                     | $\leq 8,0$                      | 0,40 $\pm$ 0,10                | 100                        |
| 3/4  | 19,1 | $\geq 19,1$                     | $\leq 9,5$                      | 0,42 $\pm$ 0,10                | 100                        |
| 1    | 25,4 | $\geq 25,4$                     | $\leq 12,7$                     | 0,45 $\pm$ 0,10                | 50                         |

other diameters upon request

## Technical Data

| SIZE |      | AS SUP-<br>PLIED                | AFTER RECOVERY                  |                                | STANDARD<br>PACKAGE        |
|------|------|---------------------------------|---------------------------------|--------------------------------|----------------------------|
| Inch | mm   | INTERNAL<br>DIAMETER<br>mm(min) | INTERNAL<br>DIAMETER<br>mm(max) | WALL THICK-<br>NESS<br>mm(nom) | SPOOL<br>LENGTH<br>m/spool |
| 3/64 | 1,2  | ≥1,2                            | ≤0,6                            | 0,20±0,10                      | 200                        |
| 1/16 | 1,6  | ≥1,6                            | ≤0,8                            | 0,20±0,10                      | 200                        |
| 3/32 | 2,4  | ≥2,4                            | ≤1,2                            | 0,22±0,10                      | 200                        |
| 1/8  | 3,2  | ≥3,2                            | ≤1,6                            | 0,28±0,10                      | 200                        |
| 3/16 | 4,8  | ≥4,8                            | ≤2,4                            | 0,30±0,10                      | 100                        |
| 1/4  | 6,4  | ≥6,4                            | ≤3,2                            | 0,32±0,10                      | 100                        |
| 3/8  | 9,5  | ≥9,5                            | ≤4,8                            | 0,35±0,10                      | 100                        |
| 1/2  | 12,7 | ≥12,7                           | ≤6,4                            | 0,40±0,10                      | 100                        |
| 5/8  | 16,0 | ≥16,0                           | ≤8,0                            | 0,40±0,10                      | 100                        |
| 3/4  | 19,1 | ≥19,1                           | ≤9,5                            | 0,42±0,10                      | 100                        |
| 1    | 25,4 | ≥25,4                           | ≤12,7                           | 0,45±0,10                      | 50                         |

| Standard Colours  |   |
|---|---|
| black   | transparent   |
|  |  |

**\*transparent not flame retardant**

**\*transparent operating temperature 105°C**