



# PRINTASLEEVE

## Printashrink TW

Printashrink TW is a 2:1 shrink ratio, thin wall, flexible heatshrink polyolefin tubing with a low shrink temperature. It is a low cost solution ideal for most commercial applications, and is available in a full range of colours across the sizes. It can be [cut](#) and [printed](#) as required.

This high quality, UL approved, cost effective commercial grade of heatshrink sleeve is ideal for many industrial and commercial applications. It is used for general insulation, protection and colour identification of many components including wires, cables, harnesses, connectors and terminals. With such a wide range of colours in so many sizes, it is also ideal for printing both text and logos. We offer our full range of printing and cutting services on this high strength, resilient tube making it perfect for branding and marking requirements.



## Technical Data

- **Shrink Ratio:** 2:1
- **Shrink Temperature**” +70°C
- **Operating Temperature** -55°C – +125°C
- **Flame Retardant:** Yes (except clear)
- **Colours:** Black, red, brown, blue, grey, yellow, green, white, violet, orange, green / yellow, clear, other colours available to order
- **Sizes:** 1.2mm ? 150mm
- **Packing:** Reels, cut to length, cut sleeves
- **Print:** Yes, full range of text and logos
- **Approvals:** UL 224 125C 600V VW-1 (except clr), RoHS Compliant
- **Applications / Industries:** General, Commercial, Electrical, Electronics, Industrial, Mechanical, Automotive

| Properties                 | Typical Values              | Test Methods |
|----------------------------|-----------------------------|--------------|
| General                    |                             |              |
| Operating Temperature      | -55°C – +125°C (except clr) |              |
| Minimum shrink temperature | 70°C (except clr)           |              |
| Full recovery temperature  | 100°C                       |              |
| Shrink Ratio               | 2:1                         |              |
| Physical                   |                             |              |
| Tensile Strength           | 14 MPa (except clr)         |              |
| Thermal                    |                             |              |
| Flammability               | Pass (except clr)           | VW-1         |
| Electrical                 |                             |              |
| Dielectric strength        | 20kV/mm                     |              |

| Size (mm) | Supplied diameter (mm) | Shrunk diameter (mm) | Nominal wall thickness (mm) |
|-----------|------------------------|----------------------|-----------------------------|
| 1.2       | 1.0                    | 0.5                  | 0.33                        |
| 1.6       | 1.5                    | 0.8                  | 0.36                        |
| 2.4       | 2.5                    | 1.3                  | 0.44                        |
| 3.2       | 3.0                    | 1.5                  | 0.44                        |
| 4.8       | 5.0                    | 2.5                  | 0.56                        |
| 6.4       | 6.0                    | 3.0                  | 0.56                        |
| 9.5       | 10.0                   | 5.0                  | 0.56                        |
| 12.7      | 13.0                   | 6.5                  | 0.65                        |
| 16        | 16.0                   | 8.0                  | 0.69                        |
| 19.1      | 20.0                   | 10.0                 | 0.80                        |
| 25.4      | 25.0                   | 12.5                 | 0.90                        |
| 32        | 32.0                   | 16.0                 | 1.00                        |
| 38.1      | 40.0                   | 20.0                 | 1.00                        |
| 50.8      | 50.0                   | 25.0                 | 1.00                        |
| 76.2      | 80.0                   | 40.0                 | 1.20                        |
| 101.6     | 100.0                  | 50.8                 | 1.30                        |
| 150       | 150.0                  | 76.0                 | 1.30                        |

Printasleeve Ltd is as diligent as possible in compiling and updating the above information. It reflects averages derived from product sample testing, is subject to normal manufacturing and testing tolerances and may be changed without notice. Furthermore aesthetic and textural style differences can result in local variation. For specific or further information concerning our products, their specifications and their utilisation please contact us. E & OE

