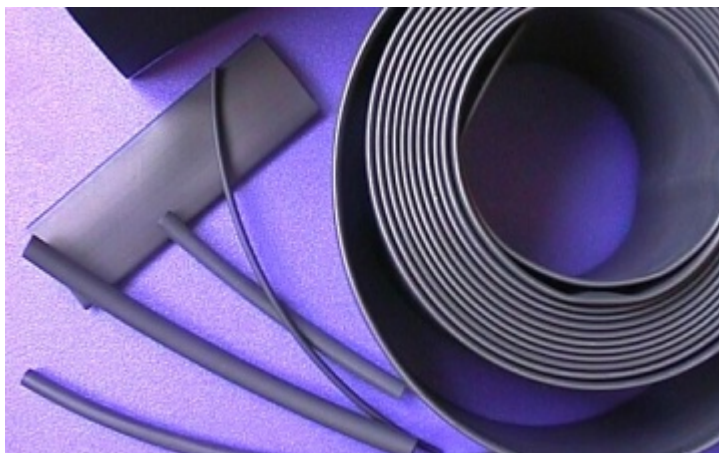


## Printashrink TW3

Printashrink TW3 is a 3:1 shrink ratio, commercial grade thin wall heatshrink polyolefin with a low shrink temperature. It is a low cost, fire retardant solution ideal for fitting over irregular or large components. Supplied in black as standard, diameters up to 50mm are available. It can be [cut](#) and [printed](#) as required.

This high quality, UL approved commercial grade of heatshrink sleeve is ideal for insulation and protection purposes. It is a very resilient tube used for mechanical protection, cable bundling and the protection of wires, cables, harnesses, connectors, terminals and electrical components. The 3:1 shrink ratio enables easy installation where irregular shapes and large components are an unavoidable factor of manufacture. We offer our full range of printing and cutting services on this sleeve making it perfect for identification, branding or marking purposes.



## Technical Data

- **Shrink Ratio:** 3:1
- **Shrink Temperature:** +70°C
- **Operating Temperature:** -55°C – +125°C
- **Flame Retardant:** Yes
- **Colours:** Black, Other colours available to order
- **Sizes:** 1.5/0.5mm ? 50/17mm
- **Packing:** Reels, mini-reels, mini-packs, cut to length, kits, cut sleeves
- **Print:** Yes, full range of text and logos
- **Approvals:** UL 224 125C 600V VW-1, RoHS Compliant
- **Applications / Industries:** General, Commercial, Electrical, Electronics, Industrial, Mechanical, Automotive

| Properties                 | Typical Values | Test Methods |
|----------------------------|----------------|--------------|
| General                    |                |              |
| Operating Temperature      | -55°C – +125°C |              |
| Minimum shrink temperature | 70°C           |              |
| Full recovery temperature  | 100°C          |              |
| Shrink temperature         | 3:1            |              |
| Physical                   |                |              |
| Tensile Strength           | >14 MPa        |              |
| Thermal                    |                |              |
| Flammability               | Pass           | VW-1         |
| Electrical                 |                |              |
| Dielectric strength        | >20kV/mm       |              |

| Size (mm) | Supplied diameter (mm) | Shrunk diameter (mm) | Nominal wall thickness (mm) |
|-----------|------------------------|----------------------|-----------------------------|
| 1.5/0.5   | 1.6                    | 0.5                  | 0.45                        |
| 3/1       | 3.2                    | 1.0                  | 0.55                        |
| 4.8/1.6   | 4.8                    | 1.5                  | 0.60                        |
| 6/2       | 6.4                    | 2.0                  | 0.65                        |
| 9/3       | 9.5                    | 3.0                  | 0.75                        |
| 12/4      | 12.7                   | 4.0                  | 0.8                         |
| 18/6      | 19.1                   | 6.0                  | 0.90                        |
| 24/8      | 25.4                   | 8.0                  | 1.00                        |
| 39/13     | 39.0                   | 13.0                 | 1.25                        |
| 50/17     | 50.0                   | 17.0                 |                             |

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 utilization please contact us. E & OE