



ATUM (4:1 shrink ratio)
Semi-flexible, high-shrink-ratio adhesive lined Polyolefin tubing

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Applications

ATUM has an internal adhesive coating, that when heated, melts and flows to form a positive environmental barrier to prevent moisture penetration.

Used to seal back-end connectors, wire splices, break-outs, cable jackets and electrical components.

Features & Benefits

- Environmentally seals and protects
- Excellent mechanical protection
- 4:1 shrink ratio
- Bonds to plastics, rubbers and metals, including PVC, polyethylene, rubber & aluminium

Operating Temperature

- -55°C to +110°C

Installation

- Minimum shrink temperature +80°C
- Minimum full recovery +110°C

Specifications/Approvals

- RK-6024 (colours & clear)
- RW-2063 (black)
- ULE85381, 600V, 110°C (black only, except size 4/1)

Dimensions (all dimensions are in mm)

| Inside Diameter | | Wall Thickness | | Pack Size | | Description |
|-------------------|---------------------|---------------------------|------------------------|--------------------|-------------|--------------|
| As Supplied (min) | After Heating (max) | Total Wall Recovery (nom) | Adhesive Wall Recovery | 1.2m Lengths (STK) | Spools (SP) | |
| 4.0 | 1.0 | 1.00 | 0.50 | 30m | 150m | ATUM-4/1-0 |
| 8.0 | 2.0 | 1.00 | 0.50 | 30m | 200m | ATUM-8/2-0 |
| 12.0 | 3.0 | 1.40 | 0.60 | 30m | 200m | ATUM-12/3-0 |
| 16.0 | 4.0 | 1.78 | 0.70 | 30m | 200m | ATUM-16/4-0 |
| 24.0 | 6.0 | 2.25 | 0.80 | 30m | 80m | ATUM-24/6-0 |
| 32.0 | 8.0 | 2.54 | 1.00 | 12m | 60m | ATUM-32/8-0 |
| 52.0 | 13.0 | 2.54 | 1.00 | 6m | 30m | ATUM-52/13-0 |

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage. A high temperature version is also available, for more information please see the page on HTAT.

Ordering Information

- Standard colour: 0 = Black.
- Size selection: The largest size that will recover snugly over the component(s).
- Standard packaging: 1.2m lengths (STK) & Spools (SP).
- Ordering description: Specify product name, size, colour and packaging : e.g. ATUM-4/1-0-STK.
- Ordering Example: 12mm inside diameter black tubing supplied in 1.2m lengths = ATUM-12/3-0-STK.