

ATUM

Semi-flexible 3:1 high-shrink-ratio, adhesive lined Polyolefin tubing

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
- 3:1 shrink ratio
- Bonds to plastics, rubbers and metals, including PVC, polyethylene, rubber, and aluminium

Operating Temperature

- -55°C to +110°C

Installation

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

Dimensions (all dimensions are in mm's)

Inside Diameter		Wall Thickness		Standard Packaging & Ordering Description		
As Supplied (min)	After Heating (max)	Total Wall Recovery (nom)	Adhesive Wall Recovery (nom)	1.2m Pack Size (STK)	Spool Pack Size (SP)	Ordering Description
3	1	1.00	0.50	30m	150m	ATUM-3/1-0
6	2	1.00	0.50	30m	250m	ATUM-6/2-0
9	3	1.40	0.61	30m	200m	ATUM-9/3-0
12	4	1.78	0.76	30m	200m	ATUM-12/4-0
19	6	2.25	0.76	30m	150m	ATUM-19/6-0
24	8	2.54	1.02	30m	80m	ATUM-24/8-0
40	13	2.54	1.02	12m	60m	ATUM-40/13-0

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Standard colour: 0 = (Black).

Size selection: The largest size that will recover snugly over the component(s).

Standard packaging: 1.2metre lengths (STK) & Spools (SP).

Ordering description: Specify product name, size and colour; e.g. **ATUM-3/1-0** (0=Black).

Ordering Example: 6m of 12mm inside diameter tubing = **ATUM-12/4-0-STK** (0=Black).

250m of 6mm inside diameter tubing = **ATUM-6/2-0-SP** (0=Black).



Specifications/Approvals

- RK-6024
- RW-2063
- AMS-DTL-23053/4 Class 3



ATUM

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

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, and aluminium

Operating Temperature

- -55°C to +110°C

Installation

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

Specifications/Approvals

- RK-6024
- RW-2063
- AMS-DTL-23053/4 Class 3

Dimensions (all dimensions are in mm's)

Inside Diameter		Wall Thickness		Standard Packaging & Ordering Description		
As Supplied (min)	After Heating (max)	Total Wall Recovery (nom)	Adhesive Wall Recovery (nom)	1.2m Pack Size (STK)	Spool Pack Size (SP)	Ordering Description
4	1	1.00	0.50	30m	150m	ATUM-4/1-0
8	2	1.00	0.50	30m	200m	ATUM-8/2-0
12	3	1.40	0.60	30m	200m	ATUM-12/3-0
16	4	1.78	0.70	30m	200m	ATUM-16/4-0
24	6	2.25	0.80	30m	80m	ATUM-24/6-0
32	8	2.54	1.00	12m	60m	ATUM-32/8-0
52	13	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 i.e. **HTAT**. For more information see page 73.

Ordering Information

Standard colour:

0 = (Black).

Size selection:

The largest size that will recover snugly over the component(s).

Standard packaging:

1.2metre lengths (STK) & Spools (SP).

Ordering description:

Specify product name, size and colour; e.g. **ATUM-4/1-0** (0=Black).

Ordering Example:

30m of 12mm inside diameter tubing = **ATUM-12/3-0-STK** (0=Black).

250m of 8mm inside diameter tubing = **ATUM-8/2-0-SP** (0=Black).