

## ATUM-12/4-0-STK Product Details



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TE Internal Number: 5509102048



### Heat Shrink Tubing

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Heat Shrinkable Tubing
- Product Name = ATUM
- Product Source = U.K., U.S.
- Semiflexible
- Thin Wall Style

### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- [RAYCHEM\\_TUBING\\_CATALOG\\_SECT1\\_PRODUCTS\\_A-H](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- **Product Type** = Heat Shrinkable Tubing
- **Color** = Black

#### Electrical Characteristics:

- **Recovered ID, Max.** (mm [in]) = 4.00 [0.157]

#### Dimensions:

- **Expanded ID, Min.** (mm [in]) = 12.00 [0.472]
- **Cut Length** (mm [in]) = 1220.00 [48.068]

#### Body Features:

- **Product Name** = ATUM
- **Pliancy** = Semiflexible
- **Wall Style** = Thin
- **Wall Type** = Dual
- **Lining Type** = Adhesive
- **Material** = Crosslinked Polyolefin
- **Shrink Ratio** = 3:1
- **Fluid Type** = Aviation Fuel, Brake Fluid, Chemicals/Solvents, Hydraulic Fluid, Lubricating Oil, Water
- **Resistant To** = Fluids, Mechanical Damage, Strain
- **Wall Thickness - Full Recovery (Nominal)** (mm [in]) = 1.77 [0.070]

#### Housing Features:

- **Material Systems** = No

#### Industry Standards:

- **Government/Industry Qualification** = No
- **Flammability Rating Type** = Flame-Retardant
- **UL Rating** = Recognized
- **CSA Certified** = No
- **Approved Standards** = UL E85381
- **RoHS/ELV Compliance** = RoHS compliant, ELV compliant
- **Lead Free Solder Processes** = Not relevant for lead free process
- **RoHS/ELV Compliance History** = Always was RoHS compliant

#### Environmental:

- **Fluid Resistance** = Moisture, Splash Protection
- **Operating Temperature (°C)** = -55 - +110

#### Conditions for Usage:

- **Full Recovery Temperature (°C)** = 110
- **Shrink Temperature, Min. (°C)** = 80
- **High Temperature Compatible** = No

#### Operation/Application:

- **Application** = Cable Jacket Repair Sleeve, Cable Jacketing, Insulation and Protection, Sealing
- **Emission Free** = No
- **Product Use** = Cable Breakouts, Cable Ends, Connector-to-Cable Transitions, Electronic Components, Harnesses, Wire Breakouts, Wire Splices

#### Packaging Features:

- **Packaging Method** = Stick

#### Product Availability:

- **Product Source** = U.K., U.S.

#### Other:

- **Brand** = Raychem