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RW-175-1/2-X-STK Product Details

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RW-175-1/2-X-STK

TE Internal Number: 5450082010
 Active

Heat Shrink Tubing

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Heat Shrinkable Tubing
- Product Name = RW-175
- Product Source = U.K., U.S.
- Semirigid
- Thin Wall Style

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [RAYCHEM_TUBING_CATALOG_PRODUCTS_R](#) (PDF, English)
- [Thin Wall, Semirigid, Fluoropolymer Heat-Shrinkable T...](#) (PDF, English)

Product Specifications:

- [RW-175 TUBING Poly\(Vinylidene Fluoride\), Modified, I...](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

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

Product Type Features:

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

Dimensions:

- **Expanded ID, Min. (mm [in])** = 12.70 [0.500]
- **Recovered ID, Max. (mm [in])** = 6.40 [0.250]
- **Cut Length (mm [in])** = 1220.00 [48.031]

Body Features:

- **Product Name** = RW-175
- **Pliancy** = Semirigid
- **Wall Style** = Thin
- **Wall Type** = Single
- **Material** = Crosslinked Polyvinylidene Flouride
- **Shrink Ratio** = 2:1
- **Fluid Type** = Anti-Icing Fluid, Aviation Fuel, Brake Fluid, Chemicals/Solvents, Hydraulic Fluid, Lubricating Oil, Water
- **Resistant To** = Abrasion, Cut-Through, Fluids, Mechanical Damage, Strain
- **Wall Thickness - Full Recovery (Nominal) (mm [in])** = 0.33 [0.013]

Housing Features:

- **Material Systems** = No

Industry Standards:

- **Government/Industry Qualification** = Yes
- **Government/Industry Part Number** = M23053/8-008-C
- **Flammability Rating Type** = Highly Flame-Resistant
- **UL Rating** = Recognized
- **CSA Certified** = Yes
- **Approved Standards** = BS 3G-198 Part 4 Type 20A, CSA LR31929 VW-1, DEF Std 59-97 Type 3, NASA SP-R-0022A, SAE AMS-DTL-23053/8, UL E35586 VW-1, VDE 0341 Part 9005, VG95343 Part 5 Type F
- **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** = Splash Protection
- **Operating Temperature (°C)** = -55 - +175

Conditions for Usage:

- **Full Recovery Temperature (°C)** = 175
- **Shrink Temperature, Min. (°C)** = 155
- **High Temperature Compatible** = Yes

Operation/Application:

- **Application** = Insulation and Protection, Marker Protection Sleeve, Space Applications, Strain Relief, Wire Protection Sleeve
- **Emission Free** = No
- **Product Use** = Electrical Connections, Wire Splices, Wire Terminations

Packaging Features:

- **Packaging Method** = Stick

Product Availability:

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

Other:

- **Brand** = Raychem