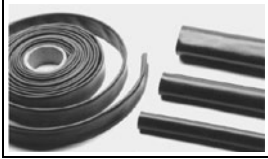


CB5091-000 Product Details



CB5091-000
(HF-13FRX25)

TE Internal Number: CB5091-000



Heat Shrink Tubing

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Heat Shrinkable Tubing
- Product Name = HF
- Product Source = U.S.
- Highly Flexible
- Heavy Wall Style

Documentation & Additional Information

Product Drawings:

- [Customer Drawing \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [RAYCHEM_TUBING_CATALOG_SECT1_PRODUCTS_A-H \(PDF, English\)](#)

Product Specifications:

- [Raychem HF Sleeving Highly Flexible Heat Shrinkable \(PDF, English\)](#)

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:

- **Product Source** = U.S.
- **Recovered ID, Max. (mm [in])** = 9.52 [0.3748]
- **Product Use** = Cables, Wires

Dimensions:

- **Expanded ID, Min. (mm [in])** = 33.02 [1.300]
- **Length (M [ft])** = 7.62 [25.00]

Body Features:

- **Product Name** = HF
- **Pliancy** = Highly Flexible
- **Wall Style** = Heavy
- **Wall Type** = Single
- **Material** = Polyolefin
- **Shrink Ratio** = 3:1
- **Fluid Type** = Water
- **Resistant To** = Abrasion, Fluids, Mechanical Damage, Strain
- **Wall Thickness - Full Recovery (Nominal) (mm [in])** = 2.67 [0.105]

Housing Features:

- **Material Systems** = No

Industry Standards:

- **Government/Industry Qualification** = No
- **Flammability Rating Type** = Flame-Retardant
- **UL Rating** = None
- **CSA Certified** = No
- **Approved Standards** = ABS, DNV, Lloyd's, SAE AMS-DTL-23053/15 Class 1
- **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** = Immersion, Splash Protection
- **Operating Temperature (°C)** = -55 - +90

Conditions for Usage:

- **Full Recovery Temperature (°C)** = 121
- **Shrink Temperature, Min. (°C)** = 90
- **High Temperature Compatible** = No

Operation/Application:

- **Application** = Cable Jacketing, Insulation and Protection
- **Emission Free** = No

Packaging Features:

- **Packaging Method** = Piece

Other:

- **Brand** = Raychem