

RNF-100-1-BK-STK Product Details



RNF-100-1-BK-STK

TE Part Number: 5053292160



Active



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Heat Shrinkable Tubing and Caps



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Heat Shrinkable Tubing
- Product Name = RNF-100
- Product Source = U.S.
- Flexible
- Thin Wall Style

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Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [Wire and Cable, Harnessing and Protection Products](#) (PDF, English)
- [Flexible, Flame-Retardant, High Performance, Polyole...](#) (PDF, English)

Product Specifications:

- [THERMOFIT RNF-100 TUBING Polyolefin, Flexible, Heat...](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Heat Shrinkable Tubing
- Material = Crosslinked Polyolefin
- Color = Black
- CSA Certified = Yes

Electrical Characteristics:

- Product Source = U.S.
- [Expanded ID, Min. \(mm \[in\]\)](#) = 25.40 [1.000]
- [Recovered ID, Max. \(mm \[in\]\)](#) = 12.70 [0.500]
- Product Use = Cables, Harnesses, Wire Terminations
- [Cut Length \(mm \[in\]\)](#) = 1220.00 [48.068]

Body Related Features:

- [Product Name](#) = RNF-100
- Pliancy = Flexible
- [Wall Style](#) = Thin
- [Wall Type](#) = Single
- [Shrink Ratio](#) = 2:1
- Fluid Resistance = Splash Protection
- Fluid Type = Aviation Fuel, Brake Fluid, Chemicals/Solvents, Hydraulic Fluid, Lubricating Oil, Water
- Resistant To = Abrasion, Fluids, Mechanical Damage, Strain
- Flammability Rating = Flame-Retardant
- UL Rating = Recognized
- Wall Thickness - Full Recovery (Nominal) (mm [in]) = 0.89 [0.035]

Contact Related Features:

- Approved Standards = CSA LR31929, SAE AMS-DTL-23053/5 Class 1, UL E35586

Housing Related Features:

- Material Systems = Yes
- [Material Systems Code](#) = 10

Industry Standards:

- Government/Industry Qualification = Yes
- Government/Industry Part Number = M23053/5-110-0
- [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

Printer/Label Features:

- [Voltage Rating \(kV\)](#) = 0.6

Conditions for Usage:

- Full Recovery Temperature (°C) = 121
- Shrink Temperature, Min. (°C) = 95
- [Operating Temperature \(°C\)](#) = -55 – +135
- High Temperature Compatible = No

Operation/Application:

- Application = Cable Jacketing, Color Coding, Identification, Insulation and Protection, Wire Bundling, Wire Protection Sleeve
- Emission Free = No

Packaging Related Features:

- Packaging Method = Stick

Other:

- Brand = Raychem