

Versatile Protective Coverings for Automotive Components



RNF-150 Tubing
High-performance,
flame-resistant, flexible,
fluoropolymer tubing.



RNF-150 Tubing

Can be used for jacketing and bundling of wires to form light-duty harnesses, especially where a low profile, abrasion resistance, and flexibility are needed.

Can also be used to provide insulation and strain relief of electrical connections and wire terminations, identification of wires, and packaging of components.

Benefits

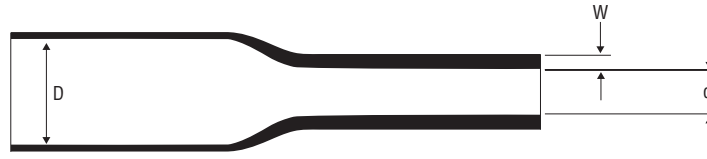
- Approximately 40 % thinner walls than most general purpose polyolefin tubings
- High flame-resistance
- Excellent physical and electrical properties after exposure to many chemicals and solvents at 50 °C (but not recommended for use in direct contact with ketones)
- Recommended maximum temperature for use as a primary insulator: 135 °C
- RoHS/ELV compliant

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Product Features

RNF-150 Tubing

- Continuous operating temperature from -55°C up to +150°C
- Minimum shrink temperature: 110°C (230°F)
- Minimum full recovery temperature: 150°C (302°F)
- Flame retarded
- 2:1 shrink ratio






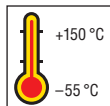
Product Dimensions

Size	Inside Diameter		Wall Thickness*		Ordering Description
	D (min) Expanded as Supplied mm/inch	d (max) Recovered after Heating mm/inch	W Recovered after Heating mm/inch		
3/64	1.2 (0.046)	0.6 (0.023)	0.25 ±0.05 (0.010 ±0.002)		RNF-150-3/64-colour code
1/16	1.6 (0.063)	0.8 (0.031)	0.25 ±0.05 (0.010 ±0.002)		RNF-150-1/16-colour code
3/32	2.4 (0.093)	1.2 (0.046)	0.25 ±0.05 (0.010 ±0.002)		RNF-150-3/32-colour code
1/8	3.2 (0.125)	1.6 (0.062)	0.25 ±0.05 (0.010 ±0.002)		RNF-150-1/8-colour code
3/16	4.8 (0.187)	2.4 (0.093)	0.25 ±0.05 (0.010 ±0.002)		RNF-150-3/16-colour code
1/4	6.4 (0.250)	3.2 (0.125)	0.30 ±0.08 (0.012 ±0.003)		RNF-150-1/4-colour code
3/8	9.5 (0.375)	4.8 (0.187)	0.30 ±0.08 (0.012 ±0.003)		RNF-150-3/8-colour code
1/2	12.7 (0.500)	6.4 (0.250)	0.30 ±0.08 (0.012 ±0.003)		RNF-150-1/2-colour code
3/4	19.0 (0.750)	9.5 (0.375)	0.43 ±0.08 (0.017 ±0.003)		RNF-150-3/4-colour code
1	25.4 (1.000)	12.7 (0.500)	0.48 ±0.08 (0.019 ±0.003)		RNF-150-1-colour code

*) Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

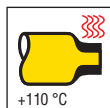
Standard Colour	Black (0)						
Size Selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.						
Ordering Description**	Specify product name, size and colour (for example RNF-150-1/4-0) **) Europe only						
Specifications/Approvals	<table border="1"> <thead> <tr> <th>Series</th> <th>UL </th> <th>TE</th> </tr> </thead> <tbody> <tr> <td>RNF-150</td> <td>E35586 VW-1, 600 V, 150°C</td> <td>RT-370</td> </tr> </tbody> </table>	Series	UL 	TE	RNF-150	E35586 VW-1, 600 V, 150°C	RT-370
Series	UL 	TE					
RNF-150	E35586 VW-1, 600 V, 150°C	RT-370					



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Flame Retarded



Fluid Resistant



Underwriters Laboratories