Wärmeschrumpftechnik

Heat shrink tube, RNF-100 special sizes, medical applications

This transparent polyolefin heat shrinking tube is designed to provide superior mechanical (abrasion, cut-through and strain relief), thermal, and fluid resistance performance in demanding environments. The transparency allows the visual testing of the over shrinked application. Furthermore, it is used to provide insulation and strain relief of wire terminations and connections. Used for jacketing wire bundles and light-duty harnesses where superior abrasion resistance is a plus. Mostly used in medical applications due to his tolerances and material properties.



Specifications and Approvals of heat shrink tube RNF-100 special sizes

- 2:1 shrink ratio
- Superior abrasion and solvent resistance
- Excellent physical, chemical and electrical properties that meet or exceed industrial and military standards
- Flexible polyolefin
- Transparent
- Protection of labelling
- Various medical applications

Temperature

Operating range -55°C to +135°C
Min. shrinking temperature +95°C
Min. full recovery temperature +121°C

Part number	Expanded Diameter	Recovered Diameter	Wall thickness	Length
	mm	mm	recovered mm	meter
RNF-100-1.1-X-STK	1.10 (+/- 0.15 mm)	0.40	0.30 (+/- 0.08 mm)	1.20
RNF-100-1.3-X-STK	1.30 (+/- 0.20 mm)	0.40	0.30 (+/- 0.08 mm)	1.20
RNF-100-1.5-X-STK	1.50 (+/- 0.20 mm)	0.50	0.38 (+/- 0.04 mm)	1.20
RNF-100-Nr.548-X-STK	2.35 (+/- 0.15 mm)	0.80	0.45 (+/- 0.10 mm)	1.20
RNF-100-Nr.625-X-STK	2.10 (+/- 0.20 mm)	0.80	0.45 (+/- 0.10 mm)	1.20
RNF-100-Nr.852-X-STK	1.90 (+/- 0.20 mm)	0.60	0.45 (+/- 0.10 mm)	1.20

Standard colour:	Transparent / clear	-X
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