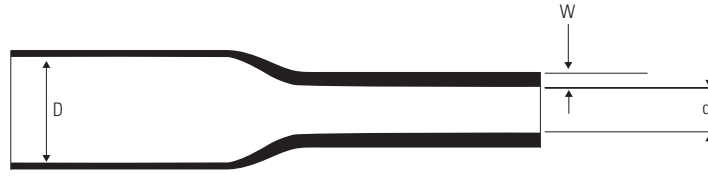


A premium grade flame-retarded polyolefin heat-shrinkable tubing



- Outstanding all round performance
- Excellent physical and electrical performance
- Good chemical and solvent resistance
- Flexible

RNF-100 is a premium grade polyolefin based heat-shrinkable tubing with an outstanding overall balance of properties. The product has a wide range of industrial approvals. RNF-100 tubing possesses a unique blend of physical, chemical and electrical properties and is suitable for a wide range of applications.

Used extensively for lightweight harness jackets, insulation, colour coding, identification, protection against fluids and provides mechanical strength.

Ordering information

Inside diameter		Wall thickness		Standard package	
D (min)	d (max)	W (nom)	1.22m	Spool	Ordering description
Expanded as supplied	Recovered after heating	Recovered after heating	Length quantity	quantity	
mm	mm	mm	m	m	
1.2	0.6	0.45	60	300	RNF-100-3/64-colour code
1.6	0.8	0.45	60	300	RNF-100-1/16-colour code
2.4	1.2	0.50	60	150	RNF-100-3/32-colour code
3.2	1.6	0.50	60	150	RNF-100-1/8-colour code
4.8	2.4	0.50	60	150	RNF-100-3/16-colour code
6.4	3.2	0.65	30	75	RNF-100-1/4-colour code
9.5	4.8	0.65	30	121	RNF-100-3/8-colour code-FSP*
12.7	6.4	0.65	30	90	RNF-100-1/2-colour code-FSP*
19.0	9.5	0.75	30	60	RNF-100-3/4-colour code-FSP*
25.4	12.7	0.90	30	60	RNF-100-1-colour code-FSP*
31.0	16.0	0.95	12	30	RNF-100-1-1/4-colour code
38.0	19.0	1.00	12	91	RNF-100-1-1/2-colour code
51.0	25.4	1.15	6	30	RNF-100-2-colour code
76.0	38.0	1.25	6	15	RNF-100-3-colour code
102.0	51.0	1.40	6	15	RNF-100-4-colour code
127.0	63.5	1.52	6	30	RNF-100-5-colour code

*Material supplied on Flat Spooled Packaging (FSP) as standard.

Standard colours	Colour	Clear	Black	Red	Yellow	Green	Blue	White
	Code	X	0	2	4	5	6	9

Non standard colour	Colour	Brown	Orange	Violet	Grey
	Code	1	3	7	8

Performance	Test	Test method	Test requirement
	Heat ageing:	ISO 188 (168h at 175°C)	Ultimate elongation: 150%(min)
	Corrosion resistance:	ASTM D2671 (16h at 175°C)	No corrosion of mirrors
	Dielectric strength:	IEC 243	∅ ≤ 25.4 20 MV/m ∅ ≥ 25.4 10 MV/m
	Flame retardancy:	ASTM D876 UL 224 (All tube flame test)	Duration of burning 30s max
	Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 7 MPa (min) Ultimate elongation: 200% (min)
	Test fluids:		Phosphate ester ISO1817 liquid 103 Lubricating oil ISO1817 liquid 101

For full product performance details consult Raychem Specification RK 6001.

Specifications	Raychem Specification RK 6001.
	Material Safety Data Sheet available on request.
	Installation instructions available on request. (PIP-061)

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