

A semi-rigid, flame-retarded, polyolefin heat-shrinkable tubing.

Excellent abrasion resistance, good strain relief performance, outstanding physical and electrical performance, excellent chemical and solvent resistance.

CRN semi-rigid, flame retarded, polyolefin based heat-shrinkable tubing displays excellent resistance to a wide range of chemicals and solvents combined with excellent

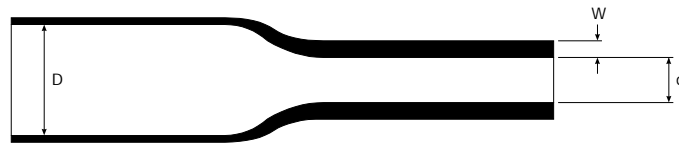
electrical properties. The tubing is tough and semi-rigid which makes it ideally suitable for applications requiring strain relief or abrasion resistance. Widely used throughout

industry for component protection and strain relief of sensitive areas such as solder and crimp joints.

Temperature rating

Operating temperature range:	-55°C to +135°C
Minimum shrink temperature:	+110°C
Minimum full recovery temperature:	+135°C

Ordering information



Inside diameter		Wall thickness	Standard package* Pack size differ on color options.	
D (min)	d (max)	W (nom)	1.22m	
Expanded as supplied	Recovered after heating	Recovered after heating	Length quantity	Ordering description
mm	mm	mm	m	
1.2	0.6	0.51	60	CRN- ³ / ₆₄ -color code
1.6	0.8	0.51	60	CRN- ¹ / ₁₆ -color code
2.4	1.2	0.51	60	CRN- ³ / ₃₂ -color code
3.2	1.6	0.51	60	CRN- ¹ / ₈ -color code
4.8	2.4	0.64	60	CRN- ³ / ₁₆ -color code
6.4	3.2	0.64	30	CRN- ¹ / ₄ -color code
9.5	4.8	0.76	30	CRN- ³ / ₈ -color code
12.7	6.4	0.76	30	CRN- ¹ / ₂ -color code
19.1	9.5	0.89	30	CRN- ³ / ₄ -color code

Other lengths and sizes are available subject to special order.

Standard colors

Standard color	Black	Clear
Code	0	(-X not flame retarded)

Approvals

UL 224 125°C File E35586

MIL-DTL-23053/6 Class 1 (color) and 2 (clear) CSA LR31929 (black only)

Performance

Test	Test method	Test requirement
Heat ageing:	ISO188 (168 h at 175°C)	Ultimate elongation: 150% (min)
Corrosion resistance:	ASTM D2671 (16h at 175°C)	No corrosion of mirrors
Dielectric strength:	IEC 243	20 MV/m
*Flame retardancy:	ASTM D2671 (Procedure B)	Duration of burning 60s max.
Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 12 MPa (min) Ultimate elongation: 200% (min)
	Test fluids:	Aircraft & Fuel to ISO1817 test liquid B Phosphate Ester ISO1817 test liquid 103 Lubricating oil ISO1817 test liquid 101

*Not clear product (X).

For full product performance details consult Raychem Specification RK 6003.

Specifications

Raychem Specification RK 6003.

Material Safety Data Sheet available on request.

Installation instructions available on request.

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Users should independently evaluate the suitability of the product for their application.

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