

- Good chemical and solvent resistance
- Excellent physical and electrical properties

VERSAFIT

Highly flame-retarded, low shrink temperature polyolefin heat-shrinkable tubing

Raychem

Versafit highly flame-retarded, very flexible polyolefin heat-shrinkable tubing has been designed to meet the stringent requirements of UL 224 VW-1 and CSA-OFT and is,

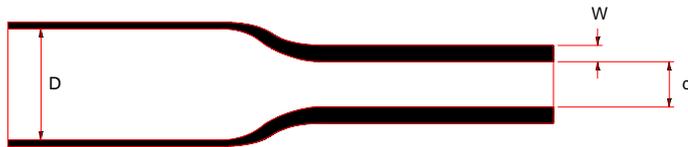
therefore, recommended for use in applications requiring the highest level of flame retardance. Versafit tubing will electrically insulate and protect in-line components, terminals and splices,

bundle wires for very flexible, light duty harnesses and provide electrical insulation, mechanical protection, cable bundling and strain relief.

Temperature rating

Operating temperature range:	-55°C to +135°C
Minimum shrink temperature:	+70°C
Minimum full recovery temperature:	+90°C

Ordering information



Inside diameter		Wall thickness	Standard package	
D Expanded as supplied	d (max) Recovered after heating	W Recovered after heating	Spool quantity Black only	Spool Quantity Varies for Other colours
mm	mm	mm	m	Ordering description
1.63 ^{+/.2}	0.58	0.40 ^{+/.08}	300	VERSAFIT- ³ / ₆₄ -colour code
1.85 ^{+/.2}	0.79	0.43 ^{+/.08}	300	VERSAFIT- ¹ / ₁₆ -colour code
2.79 ^{+/.2}	1.17	0.51 ^{+/.08}	150	VERSAFIT- ³ / ₃₂ -colour code
3.43 ^{+/.2}	1.57	0.51 ^{+/.08}	150	VERSAFIT- ¹ / ₈ -colour code
5.21 ^{+/.3}	2.36	0.51 ^{+/.08}	150	VERSAFIT- ³ / ₁₆ -colour code
7.11 ^{+/.3}	3.17	0.64 ^{+/.08}	75	VERSAFIT- ¹ / ₄ -colour code
10.16 ^{+/.4}	4.74	0.64 ^{+/.08}	121	VERSAFIT- ³ / ₈ -colour code-FSP
13.72 ^{+/.4}	6.35	0.64 ^{+/.08}	91	VERSAFIT- ¹ / ₂ -colour code-FSP
16.90 ^{+/.4}	8.0	0.76 ^{+/.08}	91	VERSAFIT- ⁵ / ₈ -colour code-FSP
20.45 ^{+/.4}	9.52	0.76 ^{+/.08}	60	VERSAFIT- ³ / ₄ -colour code-FSP
25.53 ^{+/.4}	12.7	0.89 ^{+/.12}	60	VERSAFIT-1 -colour code-FSP
33.40 ^{+/.7}	15.88	1.02 ^{+/.15}	45	VERSAFIT-1 ¹ / ₄ -colour code
39.88 ^{+/.8}	19.05	1.02 ^{+/.15}	38	VERSAFIT-1 ¹ / ₂ -colour code
52.83 ^{+/.10}	25.4	1.14 ^{+/.16}	38	VERSAFIT-2 -colour code
78.49 ^{+/.10}	38.1	1.27 ^{+/.20}	30	VERSAFIT-3 -colour code
104.14 ^{+/.13}	50.8	1.40 ^{+/.23}	30	VERSAFIT-4 -colour code

Standard colours

Colour	Black
Code	0

Description Suffix-FSP Flat Spool Product. Mandatory for 5/8" only.

VERSAFIT

Approvals

UL E35586 VW-1	
CSA LR31929 OFT	MIL-DTL-23053/5, Classes 1+3

Performance

Test	Test method	Test requirement	
Tensile strength	ASTM D2671	10.3 MPa	
Ultimate elongation	ASTM D2671	200%	
Heat Ageing:	UL 224 (168h at 158°C)	Tensile strength:	70% retention
		Ultimate elongation:	100% (minimum)
Copper contact corrosion:	ASTM D2671 (168h at 158°C)	Ultimate elongation:	100% (minimum)
Dielectric strength:	ASTM D2671	20 MV/m	
Flame retardancy:	UL 224	VW-1	

For full product performance details consult Raychem Specification RW 3009.

Specifications

Raychem Specification RW 3009.
Material Safety Data Sheet available on request.
Installation instructions available on request.

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