

Thermofit® Tubing

VTW

Very-thin-wall, very flexible, highly flame-retardant polyolefin

Applications

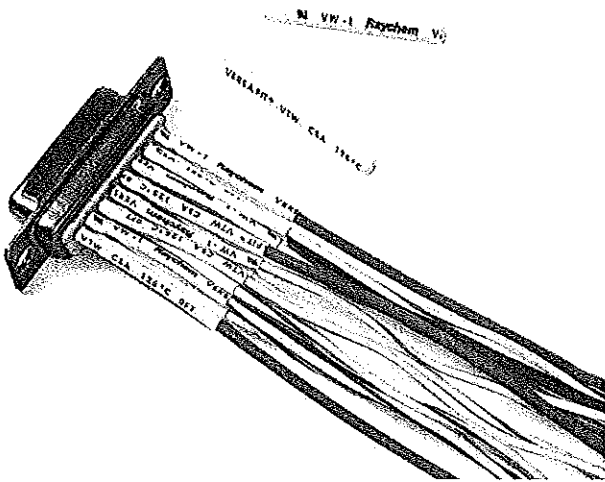
Typically used where space saving is important. Offers the ability to pack components more closely than is possible with standard tubings. Cost-effective choice for many commercial applications; electrically insulates and protects in-line components, disconnect terminals, and splices. Used for strain relief on high-density connectors.

Features/Benefits

- Very thin wall of VTW provides space savings and rapid shrinking.
- Shrink temperature of 90°C further reduces installation time and risk of damage to temperature-sensitive components.
- UL recognized and CSA certified at 150 volts, with UL VW-1 and CSA OFT flame-retardancy ratings.
- Very flexible; doesn't easily wrinkle when bent.
- Operating temperature range of -10°C to 125°C.

Installation

Minimum shrink temperature: 90°C



Specifications

Series	UL	CSA	Raychem
VTW	E35586 VW-1	LR31929 OFT	VTW SCD
	E46645 VW-1		

Product Dimensions (inches (millimeters))

Size	Inside diameter		Wall thickness		Size	Inside diameter		Wall thickness	
	Minimum expanded as supplied	Maximum recovered after heating	Recovered after heating*			Minimum expanded as supplied	Maximum recovered after heating	Recovered after heating*	
3/64	.046 (1.2)	.023 (0.6)	.012 ±.002 (.30 ±.05)		1/4	.250 (6.4)	.125 (3.2)	.014 ±.002 (.36 ±.05)	
1/16	.063 (1.6)	.031 (0.8)	.012 ±.002 (.30 ±.05)		3/8	.375 (9.5)	.187 (4.8)	.014 ±.002 (.36 ±.05)	
3/32	.093 (2.4)	.046 (1.2)	.012 ±.002 (.30 ±.05)		1/2	.500 (12.7)	.250 (6.4)	.014 ±.002 (.36 ±.05)	
1/8	.125 (3.2)	.062 (1.6)	.013 ±.002 (.33 ±.05)		3/4	.750 (19.1)	.375 (9.5)	.017 ±.003 (.46 ±.08)	
3/16	.187 (4.8)	.093 (2.4)	.013 ±.002 (.33 ±.05)		1	1.000 (25.4)	.500 (12.7)	.020 ±.003 (.51 ±.08)	

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

Ordering Information

Standard color	Black
Special order colors	White, red, yellow, green, and blue
Standard marking	Marked with UL/CSA legends
Standard packaging	On spools
Size selection	Always order the largest size that will shrink snugly over the component to be covered.
Ordering description	Specify product name, size, and color (for example, VTW 1/4-black).
Special order sizes	Special sizes may be made available on request.