

Fax-on-Demand: (800) 260-9099
(650) 361-6523

**Before ordering check with
factory for most current data.**

FAX ID	Description
2220	Data sheet
2221	RW-3009

Versafit

Highly flame-retardant, very flexible, low-shrink-temperature polyolefin tubing

Applications

Cost-effective choice for many commercial and military applications; electrically insulates and protects in-line components, disconnect terminals, and splices. Bundles wires for very flexible light-duty harnesses. Strain-relieves electrical wire connections for commercial applications. Identifies or color-codes wires, cables, terminals, and components.

Operating Temperature Range

-55°C to 135°C

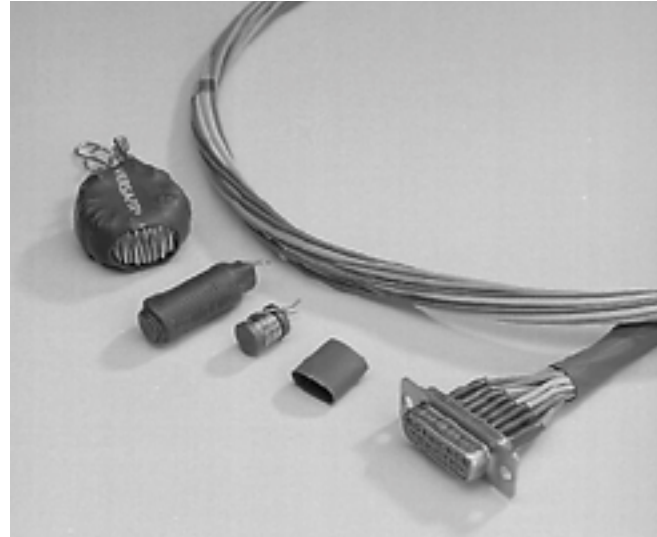
Features/Benefits

- 2:1 shrink ratio.
- Low shrink temperature reduces installation time and the risk of damage to temperature-sensitive components.
- Very flexible; doesn't easily wrinkle when bent.
- Highly flame-retardant.
- Hot stamps extremely well.
- Higher temperature rating, better thermal stability, and higher resistance to physical abuse than noncrosslinked materials.
- Free of polybrominated biphenyls (PBBs) and polybrominated biphenyl oxides and ethers (PBBOs and PBBEs), which are classified as environmentally hazardous substances.

Installation

Minimum shrink temperature: 70°C

Minimum full recovery temperature: 90°C



Specifications/Approvals



Series	UL	CSA	Military	Raychem
Versafit	E35586 VW-1 600 V, 125°C	LR31929 OFT 600 V, 125°C	MIL-DTL-23053/5*, Classes 1 & 3	RW-3009

*Formerly MIL-I-23053/5.

Product Dimensions (mm/in)

Inside diameter				Inside diameter			
Size	Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**	Size	Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**
3/64	1.63 ±.2 (.064 ±.008)	0.6 (.023)	.40 ±.08 (.016 ±.003)	5/8	16.90 ±.4 (.665 ±.015)	8.0 (.315)	.76 ±.08 (.030 ±.003)
1/16	1.85 ±.2 (.073 ±.007)	0.8 (.031)	.43 ±.08 (.017 ±.003)	3/4	20.45 ±.4 (.805 ±.015)	9.5 (.375)	.76 ±.08 (.030 ±.003)
3/32	2.79 ±.2 (.110 ±.007)	1.2 (.046)	.51 ±.08 (.020 ±.003)	1	25.53 ±.4 (1.055 ±.015)	12.7 (.500)	.89 ±.12 (.035 ±.005)
1/8	3.43 ±.2 (.135 ±.007)	1.6 (.062)	.51 ±.08 (.020 ±.003)	1 1/4	33.40 ±.7 (1.315 ±.025)	15.9 (.635)	1.02 ±.15 (.040 ±.006)
3/16	5.21 ±.3 (.205 ±.010)	2.4 (.093)	.51 ±.08 (.020 ±.003)	1 1/2	39.88 ±.8 (1.570 ±.030)	19.1 (.750)	1.02 ±.15 (.040 ±.006)
1/4	7.11 ±.3 (.280 ±.010)	3.2 (.125)	.64 ±.08 (.025 ±.003)	2	52.83 ±1.0 (2.080 ±.040)	25.4 (1.000)	1.14 ±.16 (.045 ±.007)
3/8	10.16 ±.4 (.400 ±.015)	4.8 (.187)	.64 ±.08 (.025 ±.003)	3	78.49 ±1.0 (3.090 ±.040)	38.1 (1.500)	1.27 ±.20 (.050 ±.008)
1/2	13.72 ±.4 (.540 ±.015)	6.4 (.250)	.64 ±.08 (.025 ±.003)	4	104.14 ±1.3 (4.100 ±.050)	50.8 (2.000)	1.40 ±.23 (.055 ±.009)

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

Ordering Information

Color	Standard Black (-0), white (-9), red (-2), blue (-6), yellow (-4), green (-5) Nonstandard Brown (-1), orange (-3), violet (-7), gray (-8)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.
Standard packaging	On spools.
Ordering description	Specify product name, size, and color (for example, Versafit 1/4-0).

Versafit is a trademark of Raychem Corporation.

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