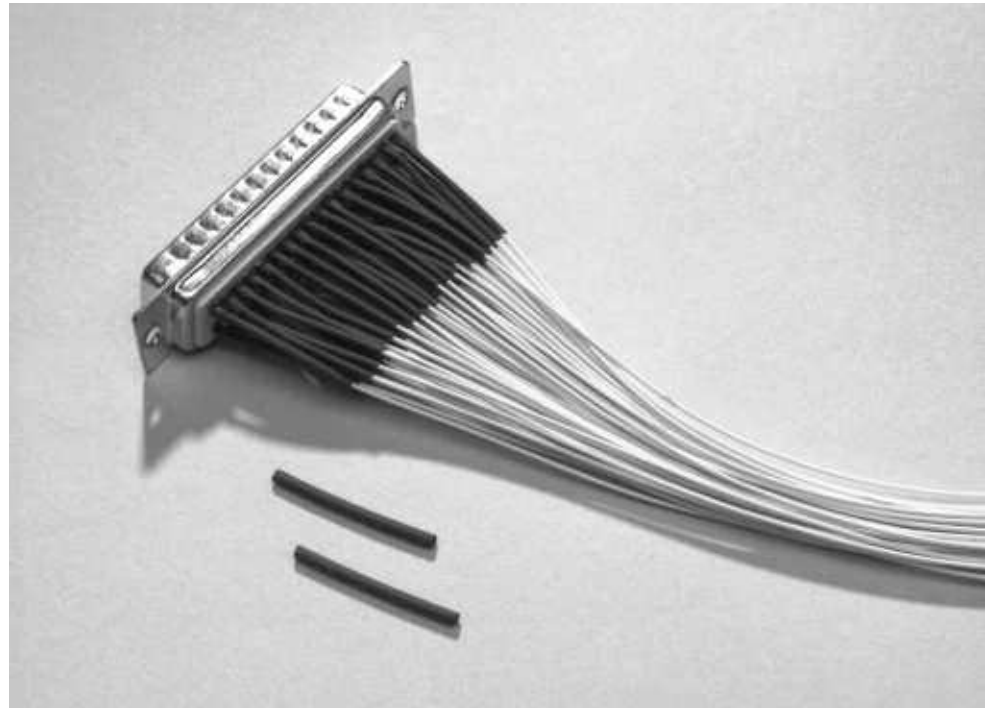


## Versafit V4

**Very-Thin-Wall, Very Flexible, Highly Flame-Retardant, Polyolefin Tubing**

### Product Facts

- 2:1 shrink ratio
- Very thin wall provides space savings and rapid shrinking
- Low shrink temperature further reduces installation time and risk of damage to temperature-sensitive components
- Very flexible; doesn't easily wrinkle when bent
- Free of polybrominated biphenyls (PBBs) and polybrominated biphenyl oxides and ethers (PBBOs and PBBEs), which are classified as environmentally hazardous substances
- RoHS compliant



### 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.



### Installation

Minimum shrink temperature: 70°C [158°F]  
Minimum full recovery temperature: 90°C [194°F]

### Operating Temperature Range

-30°C to 125°C  
[-22°F to 257°F]

### Specifications/Approvals

| Series      | UL  | CSA  | Raychem |
|-------------|--|--|---------|
| Versafit V4 | E85381 VW-1<br>300 V, 125°C  | LR31929 VW-1<br>150 V, 125°C   | RW-3023 |

| Available in: | Americas | Europe | Asia Pacific |
|---------------|----------|--------|--------------|
|               | ■        | ■      | ■            |

**Versafit V4** (Continued)

**Product Dimensions**

| Size | Inside Diameter              |                                 | Wall Thickness                 |                                    |
|------|------------------------------|---------------------------------|--------------------------------|------------------------------------|
|      | Expanded as Supplied         | Maximum Recovered After Heating | Expanded as Supplied (Nominal) | Recovered* After Heating (Minimum) |
| 0.6  | 0.95 ± 0.25 [0.037 ± 0.010]  | 0.30 [0.012]                    | 0.10 [0.004]                   | 0.25 [0.010]                       |
| 0.8  | 1.20 ± 0.25 [0.047 ± 0.010]  | 0.40 [0.016]                    | 0.10 [0.004]                   | 0.25 [0.010]                       |
| 1.0  | 1.40 ± 0.25 [0.055 ± 0.010]  | 0.50 [0.020]                    | 0.10 [0.004]                   | 0.25 [0.010]                       |
| 1.5  | 1.90 ± 0.25 [0.075 ± 0.010]  | 0.75 [0.030]                    | 0.10 [0.004]                   | 0.25 [0.010]                       |
| 2.0  | 2.30 ± 0.25 [0.091 ± 0.010]  | 1.00 [0.039]                    | 0.10 [0.004]                   | 0.25 [0.010]                       |
| 2.5  | 2.80 ± 0.25 [0.110 ± 0.010]  | 1.25 [0.049]                    | 0.15 [0.006]                   | 0.25 [0.010]                       |
| 3.0  | 3.30 ± 0.25 [0.130 ± 0.010]  | 1.50 [0.059]                    | 0.15 [0.006]                   | 0.25 [0.010]                       |
| 3.5  | 3.80 ± 0.25 [0.150 ± 0.010]  | 1.75 [0.069]                    | 0.15 [0.006]                   | 0.25 [0.010]                       |
| 4.0  | 4.40 ± 0.25 [0.173 ± 0.010]  | 2.00 [0.079]                    | 0.15 [0.006]                   | 0.25 [0.010]                       |
| 5.0  | 5.50 ± 0.25 [0.217 ± 0.010]  | 2.50 [0.098]                    | 0.15 [0.006]                   | 0.25 [0.010]                       |
| 6.0  | 6.50 ± 0.40 [0.256 ± 0.016]  | 3.00 [0.118]                    | 0.15 [0.006]                   | 0.28 [0.011]                       |
| 7.0  | 7.50 ± 0.40 [0.295 ± 0.016]  | 3.50 [0.138]                    | 0.15 [0.006]                   | 0.28 [0.011]                       |
| 8.0  | 8.50 ± 0.40 [0.335 ± 0.016]  | 4.00 [0.158]                    | 0.15 [0.006]                   | 0.28 [0.011]                       |
| 9.0  | 9.50 ± 0.40 [0.374 ± 0.016]  | 4.50 [0.177]                    | 0.15 [0.006]                   | 0.28 [0.011]                       |
| 10.0 | 10.50 ± 0.50 [0.413 ± 0.020] | 5.00 [0.197]                    | 0.15 [0.006]                   | 0.28 [0.011]                       |

| Inch Size | Inside Diameter              |                                 | Recovered Wall Thickness*   |
|-----------|------------------------------|---------------------------------|-----------------------------|
|           | Minimum Expanded as Supplied | Maximum Recovered After Heating | After Heating               |
| 3/64      | 1.2 [0.046]                  | 0.6 [0.023]                     | 0.30 ± 0.05 [0.012 ± 0.002] |
| 1/16      | 1.6 [0.062]                  | 0.8 [0.031]                     | 0.30 ± 0.05 [0.012 ± 0.002] |
| 3/32      | 2.4 [0.093]                  | 1.2 [0.046]                     | 0.30 ± 0.05 [0.012 ± 0.002] |
| 1/8       | 3.2 [0.125]                  | 1.6 [0.062]                     | 0.33 ± 0.05 [0.013 ± 0.002] |
| 3/16      | 4.8 [0.187]                  | 2.4 [0.093]                     | 0.33 ± 0.05 [0.013 ± 0.002] |
| 1/4       | 6.4 [0.250]                  | 3.2 [0.125]                     | 0.36 ± 0.08 [0.014 ± 0.003] |
| 3/8       | 9.5 [0.375]                  | 4.8 [0.187]                     | 0.36 ± 0.08 [0.014 ± 0.003] |
| 1/2       | 12.7 [0.500]                 | 6.4 [0.250]                     | 0.36 ± 0.08 [0.014 ± 0.003] |
| 3/4       | 19.1 [0.750]                 | 9.5 [0.375]                     | 0.43 ± 0.08 [0.017 ± 0.003] |
| 1         | 25.4 [1.000]                 | 12.7 [0.500]                    | 0.51 ± 0.08 [0.020 ± 0.003] |

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

**Ordering Information**

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| Color                | Standard  | Black (-0)                           |
|                      | Nonstandard   | Other colors available upon request. |
| 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.  |                                      |
| Marking              | Marked with UL/CSA/-F legends (metric sizes) or unmarked (inch sizes).  |                                      |
| Ordering description | Specify product name, size (mm or in.) and color (for example, V4-1.0-0).   |                                      |