

**Versaflex**

**Expandable, Braided,  
Polyester Sleeving**

**Product Facts**

- Excellent abrasion and cut-through resistance
- Lightweight
- Flexible (even at low temperatures)
- Fungus proof
- Not affected by most chemical and solvents, non-hygroscopic
- Versaflex-FR sleeving meets UL VW-1 and is self-extinguishing
- Wide range of sizes available
- RoHS compliant



**Applications**

Versaflex sleeving is suited for the mechanical protection of wire harnesses, hoses, and all other applications where exceptional flexibility combined with superior abrasion/cut resistance is required. It also serves as an economical

means for wire bundling that will not trap heat or moisture; expanding easily to fit over irregular shapes, then contracting to conform and grip. To prevent fraying, these products should be cut to length using a hot knife.

**Installation**

This product is cold applied.

**Operating Temperature Range**

-50°C to 150°C  
[-58°F to 302°F]  
(220°C [-58°F to 302°F] for short periods)

**Specifications/Approvals**

| Series       | UL  | Raychem |
|--------------|--|---------|
| Versaflex-FR | E306976 VW-1, 125°C  |         |
| Versaflex    | —  | RK-6772 |

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

**Versaflex** (Continued)

**Product Dimensions**

| Nominal Size | Versaflex (metric) |            |
|--------------|--------------------|------------|
|              | Size Range         |            |
|              | Minimum            | Maximum    |
| 3 (0.118)    | 1 (0.039)          | 5 (0.197)  |
| 4 (0.158)    | 2 (0.079)          | 7 (0.276)  |
| 5 (0.197)    | 3 (0.118)          | 9 (0.354)  |
| 6 (0.236)    | 4 (0.158)          | 12 (0.472) |
| 8 (0.315)    | 5 (0.197)          | 12 (0.472) |
| 10 (0.394)   | 7 (0.276)          | 15 (0.591) |
| 12 (0.472)   | 8 (0.315)          | 17 (0.669) |
| 15 (0.591)   | 10 (0.394)         | 20 (0.787) |
| 20 (0.787)   | 14 (0.551)         | 26 (1.024) |
| 25 (0.984)   | 18 (0.709)         | 34 (1.339) |
| 30 (1.181)   | 20 (0.787)         | 40 (1.575) |
| 40 (1.575)   | 30 (1.181)         | 50 (1.969) |
| 50 (1.969)   | 40 (1.575)         | 60 (2.362) |

| Size  | Versaflex (Imperial) |                           |
|-------|----------------------|---------------------------|
|       | Nominal Size         | Size Range                |
|       |                      |                           |
| 1/8   | 3 (0.118)            | 2.4 – 6.4 (0.094 – 0.252) |
| 1/4   | 6 (0.236)            | 3.2 – 9.5 (0.125 – 0.375) |
| 3/8   | 10 (0.394)           | 4.7 – 16 (0.185 – 0.630)  |
| 1/2   | 13 (0.512)           | 6.4 – 19 (0.252 – 0.748)  |
| 3/4   | 19 (0.748)           | 13 – 32 (0.512 – 1.260)   |
| 1-1/4 | 32 (1.256)           | 19 – 45 (0.748 – 1.772)   |
| 1-3/4 | 45 (1.772)           | 32 – 70 (1.260 – 2.756)   |
| 2     | 51 (2.008)           | 38 – 76 (1.496 – 2.992)   |

| Size  | Versaflex-FR flame retardant, expandable polyester braid |                           |
|-------|--|---------------------------|
|       | Nominal Size   | Size Range                |
|       |  |                           |
| 1/8   | 3 (0.118)  | 2.4 – 6.4 (0.094 – 0.252) |
| 1/4   | 6 (0.236)  | 3.2 – 9.5 (0.125 – 0.375) |
| 3/8   | 10 (0.394)   | 4.7 – 16 (0.185 – 0.630)  |
| 1/2   | 13 (0.512)   | 6.4 – 19 (0.252 – 0.748)  |
| 3/4   | 19 (0.748)   | 13 – 32 (0.512 – 1.260)   |
| 1-1/4 | 32 (1.256)   | 19 – 45 (0.748 – 1.772)   |
| 1-3/4 | 45 (1.772)   | 32 – 70 (1.260 – 2.756)   |
| 2     | 51 (2.008)   | 38 – 76 (1.496 – 2.992)   |

**Ordering Information**

|                      |  |  |
|----------------------|--|--|
| Color                | Standard   | Versaflex (metric) : Black (-0) Grey (-8)<br>Versaflex (imperial) : Black (-0)<br>Versaflex-FR : Black with a white X tracer (-09) |
| Standard packaging   | On spools.   |  |
| Ordering description | Specify product name, size and color (for example, VERSAFLEX-FR-1/4-09-SP) |  |

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