

# VERSAFLEX & VERSAFLEX-FR



## EXPANDABLE, BRAIDED, POLYESTER SLEEVING

### PRODUCT BENEFITS

- Excellent abrasion and cut-through resistance
- Lightweight
- Flexible (even at low temperatures)
- Fungus proof
- Not affected by most chemical and solvents, non-hygroscopic
- Wide range of sizes available
- RoHS compliant
- Available in non- flame retardant or flame-retardant versions

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.

### TEMPERATURE RATING

- Continuous operating temperature from **-50°C up to +150°C**

### MARKETS

- Automotive
- Aerospace

### TYPICAL APPLICATION

- Mechanical protection of wire harnesses, hoses, and other substrates where exceptional flexibility is needed wire bundling without trapping heat and moisture. Provides additional abrasion and cut-through resistance where required.

## DIMENSIONS (MILLIMETERS/INCHES)

### VERSAFLEX/VERSAFLEX-FR (IMPERIAL)

NOMINAL SIZE	EXPANDABLE RANGE		MONOFILAMENT DIAMETER		MONOFILAMENTS PER CARRIER	NUMBER OF CARRIERS
	mm	in	mm	in		
1/8	2.00 - 6.00	0.079 - 0.236	0.25 ± 0.02	0.010 ± 0.001	3	16
1/4	3.00 - 10.00	0.118 - 0.394	0.25 ± 0.02	0.010 ± 0.001	3	24
3/8	5.00 - 16.00	0.197 - 0.630	0.25 ± 0.02	0.010 ± 0.001	3	40
1/2	6.00 - 19.00	0.236 - 0.748	0.25 ± 0.02	0.010 ± 0.001	3	48
3/4	13.00 - 32.00	0.512 - 1.260	0.25 ± 0.02	0.010 ± 0.001	3	64
1-1/4	19.00 - 45.00	0.748 - 1.772	0.25 ± 0.02	0.010 ± 0.001	3	96
1-3/4	32.00 - 70.00	1.260 - 2.756	0.25 ± 0.02	0.010 ± 0.001	4	120
2	38.00 - 76.00	1.496 - 2.992	0.25 ± 0.02	0.010 ± 0.001	5	120

### VERSAFLEX (METRIC)

NOMINAL SIZE	EXPANDABLE RANGE		MONOFILAMENT DIAMETER		MONOFILAMENTS PER CARRIER	NUMBER OF CARRIERS
	mm	in	mm	in		
3	1.00 - 5.00	0.039 - 0.197	0.22 ± 0.02	0.009 ± 0.001	3	20
4	2.00 - 7.00	0.079 - 0.276	0.22 ± 0.02	0.009 ± 0.001	3	24
5	3.00 - 9.00	0.118 - 0.354	0.22 ± 0.02	0.009 ± 0.001	3	28
6	4.00 - 12.00	0.157 - 0.472	0.22 ± 0.02	0.009 ± 0.001	3	32
8	5.00 - 12.00	0.197 - 0.472	0.22 ± 0.02	0.009 ± 0.001	3	40
10	7.00 - 15.00	0.276 - 0.591	0.22 ± 0.02	0.009 ± 0.001	3	48
12	8.00 - 17.00	0.315 - 0.669	0.22 ± 0.02	0.009 ± 0.001	3	56
15	10.00 - 20.00	0.394 - 0.787	0.22 ± 0.02	0.009 ± 0.001	3	64
20	14.00 - 26.00	0.551 - 1.024	0.22 ± 0.02	0.009 ± 0.001	3	72
25	18.00 - 34.00	0.709 - 1.339	0.22 ± 0.02	0.009 ± 0.001	3	96
30	20.00 - 40.00	0.787 - 1.575	0.22 ± 0.02	0.009 ± 0.001	3	120
40	30.00 - 50.00	1.181 - 1.969	0.22 ± 0.02	0.009 ± 0.001	4	120
50	40.00 - 60.00	1.575 - 2.362	0.22 ± 0.02	0.009 ± 0.001	5	120

ORDERING INFORMATION	
Standard color	Versaflex (metric) : Black (-0) Grey (-8) Versaflex (imperial) : Black (-0) Versaflex-FR : Black with a white X tracer (-09)
Standard packaging	On spools.
Ordering Description	Specify product family, size/range, color, and package.  <div style="text-align: center;"> <p><b>VERSAFLEX-FR-XX-X-X</b></p> <p>The diagram shows the code <b>VERSAFLEX-FR-XX-X-X</b> with arrows pointing to its parts: <ul style="list-style-type: none"> <li>Package (the final 'X')</li> <li>Color (the second 'X')</li> <li>Size (the 'XX')</li> <li>FR - "Flame Retardant" (the 'FR')</li> <li>Product Family (VERSAFLEX, VERSAFLEX-FR) (the 'VERSAFLEX')</li> </ul> </p> </div>

Are you looking to seal out moisture, offer enhanced strain relief, or provide rigorous mechanical protection? Do you need a flame retardant product? Leverage TE Connectivity's (TE) comprehensive portfolio of heat shrink tubing products in a wide range of applications.

**Learn more: [TE.com/heatshrinktubing](https://www.te.com/heatshrinktubing)**

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