



VERSAFLEX Commercial Grade Polyester Braid

Versaflex is perfect 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.

Key Features

- Excellent abrasion and cut-through resistance.
- Lightweight
- Flexible (even at low temperatures)
- Fungus-proof
- Not affected by most chemicals and solvents; non-hygroscopic.
- Versaflex-FR meets UL VW-1 File no E306976

Versaflex Metric Sized

Temperature rating -50°C to 150°C (220°C for short periods)				
Nominal Size	Application Range	Tyco Part Description	Spool Quantity	Spools per Box
3mm	2.4 – 6.4mm	Versaflex-03-*-SP	200	6
4mm	2.6 – 7mm	Versaflex-04-*-SP	200	6
5mm	2.8 – 8.5mm	Versaflex-05-*-SP	200	6
6mm	3.2 – 9.5mm	Versaflex-06-*-SP	100	6
8mm	5 – 12mm	Versaflex-08-*-SP	100	6
10mm	4.7 – 16mm	Versaflex-10-*-SP	100	6
12mm	6.4 – 19mm	Versaflex-12-*-SP	100	6
15mm	10 – 20mm	Versaflex-15-*-SP	100	6
20mm	13 – 32mm	Versaflex-20-*-SP	50	6
25mm	18 – 34mm	Versaflex-25-*-SP	50	6
30mm	19 – 45mm	Versaflex-30-*-SP	50	6
40mm	30 – 50mm	Versaflex-40-*-SP	50	6
50mm	38 – 76mm	Versaflex-50-*-SP	25	6

Versaflex Flame Retardant

Temperature rating -50°C to 125°C				
Nominal Size	Application Range	Tyco Part Description	Spool Quantity	Spools per Box
3mm	2.4 – 6.4mm	Versaflex-FR-1/8-09-SP	300	6
6mm	3.2 – 9.5mm	Versaflex-FR-1/4-09-SP	300	6
10mm	4.7 – 16mm	Versaflex-FR-3/8-09-SP	150	6
12mm	6.4 – 19mm	Versaflex-FR-1/2-09-SP	150	6
20mm	13 – 32mm	Versaflex-FR-3/4-09-SP	75	6
32mm	19 – 45mm	Versaflex-FR-1-1/4-09-SP	75	6
45mm	32 – 70mm	Versaflex-FR-1-3/4-09-SP	60	6
50mm	38 – 76mm	Versaflex-FR-2-09-SP	30	6

Versaflex Imperial Sized

Temperature rating -50°C to 150°C (220°C for short periods)				
Nominal Size	Application Range	Tyco Part Description	Spool Quantity	Spools per Box
3mm	2.4 – 6.4mm	Versaflex-1/8-0-SP	300	6
6mm	3.2 – 9.5mm	Versaflex-1/4-0-SP	300	6
10mm	4.7 – 16mm	Versaflex-3/8-0-SP	150	6
12mm	6.4 – 19mm	Versaflex-1/2-0-SP	150	6
20mm	13 – 32mm	Versaflex-3/4-0-SP	75	6
32mm	19 – 45mm	Versaflex-1-1/4-0-SP	75	6
45mm	32 – 70mm	Versaflex-1-3/4-0-SP	60	6
50mm	38 – 76mm	Versaflex-2-0-SP	30	6

Standard colours

Metric sized braid
 Flame Retardant braid
 Imperial Sized braid

Black (-0) Grey (-8)
 Black/white tracer (-09)
 Black (-0)

Performance Versaflex:

Property	Test	Results
Melting Point		250°C
Maximum Working Temperature		150°C
Withstands Peaks		220°C
Limiting Oxygen Index	NF G 07-128	34%
Flame Resistances	ISO 3795 F MVSS 302 (type A) FAR 25-853 NF F 16-101 (12)	Pass
Fume Toxicity	CEI 754-1 CEI 754-2	Pass Halogen Free
Chemical Resistance		Unaffected by most chemicals including Freon, detergents, soaps, hydraulic fluid, solvents and gasoline.

Performance Versaflex Flame Retardant:

Property	Test	Results
Melting Point		225°C
Maximum Working Temperature		125°C
Withstands Peaks		200°C
Limiting Oxygen Index	NF G 07-128	34.7%
Flame Resistance	UL 224 VW-1 ISO 3795 F MVSS 302 (type A) FAR 25-853	Pass
Fume Toxicity	CNET DEC 26-0611	Pass
Chemical Resistance		Unaffected by most chemicals including Freon, detergents, soaps, hydraulic fluid, solvents and gasoline. Loss of properties in water above 70°C.