

- Excellent abrasion and cut-through resistance
- Lightweight
- Flexible (even at low temperatures)
- Fungus-Proof
- Not affected by most chemicals and solvents; non-hygroscopic
- PFR meets UL VW-1, FAR25, and is Self-Extinguishing
- Fiber diameter is 0.01" (0.254mm)

Rayflex

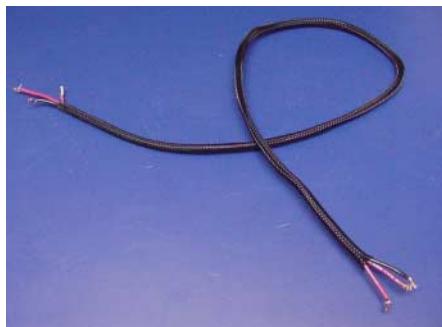
PET and PFR

Expandable Braided Polyester Sleaving

Rayflex 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



Ordering information

RAYFLEX PET Expandable Polyester Braid

Temperature rating -50°C to 150°C (220°C for short periods)

Nominal Size		Application Range		Tyco Part Description	Spool Qty		Spools per Box
inches	(mm)	inches	(mm)		feet	meters	
1/8	(3)	3/32"-1/4"	(2.4-6.4)	RF-PET-1/8-0-SP	1000	300	6
1/4	(6)	1/8"-3/8"	(3.2-9.5)	RF-PET-1/4-0-SP	1000	300	6
3/8	(10)	3/16"-5/8"	(4.7-16)	RF-PET-3/8-0-SP	500	150	6
1/2	(13)	1/4"-3/4"	(6.4-19)	RF-PET-1/2-0-SP	500	150	6
3/4	(19)	1/2"-1-1/4"	(13-32)	RF-PET-3/4-0-SP	250	75	6
1-1/4	(32)	3/4"-1-3/4"	(19-45)	RF-PET-1-1/4-0-SP	250	75	6
1-3/4	(45)	1-1/4"-2-3/4"	(32-70)	RF-PET-1-3/4-0-SP	200	60	6
2	(51)	1-1/2"-3"	(38-76)	RF-PET-2-0-SP	100	30	6

Application range refers to the diameter of the substrate

RAYFLEX PFR Flame Retardant, Expandable Polyester Braid

Temperature rating -50°C to 125°C

Nominal Size		Application Range		Tyco Part Description	Spool Qty		Spools per Box
inches	(mm)	inches	(mm)		feet	meters	
1/8	(3)	3/32"-1/4"	(2.4-6.4)	RF-PFR-1/8-09-SP	1000	300	6
1/4	(6)	1/8"-3/8"	(3.2-9.5)	RF-PFR-1/4-09-SP	1000	300	6
3/8	(10)	3/16"-5/8"	(4.7-16)	RF-PFR-3/8-09-SP	500	150	6
1/2	(13)	1/4"-3/4"	(6.4-19)	RF-PFR-1/2-09-SP	500	150	6
3/4	(19)	1/2"-1-1/4"	(13-32)	RF-PFR-3/4-09-SP	250	75	6
1-1/4	(32)	3/4"-1-3/4"	(19-45)	RF-PFR-1-1/4-09-SP	250	75	6
1-3/4	(45)	1-1/4"-2-3/4"	(32-70)	RF-PFR-1-3/4-09-SP	200	60	6
2	(51)	1-1/2"-3"	(38-76)	RF-PFR-2-09-SP	100	30	6

Application range refers to the diameter of the substrate

Rayflex

Standard colours

PET	Black (-0)
PFR	Black with White X-Cross Tracers (-09)

Performance Rayflex PET:

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 Resistance	ISO 3795 F MVSS 302 (type A) FAR 25-853 NF F 16-101 (I2)	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 Rayflex PFR:

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

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