

- Excellent abrasion and cut-through resistance
- Lightweight construction with 0.22mm fibre
- Flexible even at low temperatures
- Fungus resistant
- Resistant to most chemicals and solvents; non-hygroscopic
- Wide range of metric sizes

**Rayflex**  
**PETM**  
**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

**Temperature rating**

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

**Ordering information**

**RAYFLEX PETM Expandable Polyester Braid**

Nominal Size (mm)	Size Range		Tyco Part Description	Spool Qty Meters
	Min	Max		
3	1	5	RF-PETM-03-Colour-SP	200
4	2	7	RF-PETM-04-Colour-SP	200
5	3	9	RF-PETM-05-Colour-SP	200
6	4	11	RF-PETM-06-Colour-SP	100
8	5	12	RF-PETM-08-Colour-SP	100
10	7	15	RF-PETM-10-Colour-SP	100
12	8	17	RF-PETM-12-Colour-SP	100
15	10	20	RF-PETM-15-Colour-SP	100
20	14	26	RF-PETM-20-Colour-SP	50
25	18	34	RF-PETM-25-Colour-SP	50
30	20	40	RF-PETM-30-Colour-SP	50
40	30	50	RF-PETM-40-Colour-SP	50
50	40	66	RF-PETM-50-Colour-SP	50

**Standard colours**

Colour	Black	Grey
Code	(-0)	(-8)

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# Rayflex PETM

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## Performance Rayflex PETM:

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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.

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*All of the above information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Tyco Electronics makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. Tyco Electronics only obligations are those in the Standard Terms and Conditions of Sale for this product and in no case will Tyco Electronics be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Tyco Electronics Specifications are subject to change without notice. In addition Tyco Electronics reserves the right to make changes in materials or processing, without notification to the Buyer, which do not affect compliance with any applicable specification.*

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