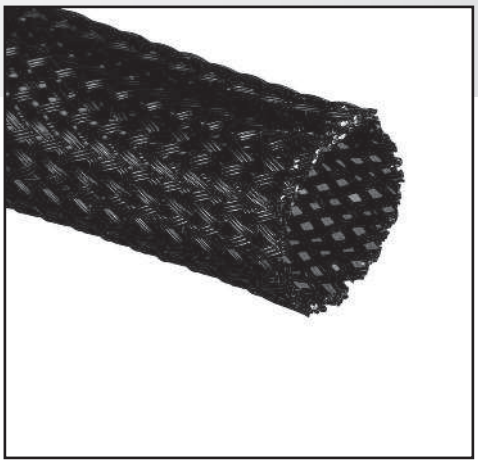
PERIFLEX P-T

Sleevings for thermal, electrical, mechanical & EMI applications



Notes

This information and data is believed to be accurate and reliable. We place at your disposal the technical information necessary for the correct use of our products and offer the possibility of simulating in our laboratory the conditions of many applications, in order to advise on the suitability of our products. As conditions and methods of use are beyond our control, the user must confirm suitability before adopting our products for commercial use. We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

Applications

Mechanical and thermal protection of electrical conductors and other components. Due to its good thermal resistance this product could withstand higher working temperatures. Because of its expandability the product allows the assembly of jacket bunches and sets of wires of different diameters within the same sleeving and is very easy to mount.

Description

Braided sleeving made of monofilament polyester, mainly meant for applications of mechanical protection and thermal protection. Its main characteristic consists in the special form of braiding, which allows increasing the inside diameter of the sleeving considerably, the sleeving at the same time contracting in length.

Features & Benefits

- Halogen free
- Good chemical resistance
- Very tough and light weight structure
- Very good abrasion resistance
- Self-extinguishing

Note: Colour tone may vary. This does not affect technical pro of sleeve.

Operating Temperature

- -40°C to +150°C

Monofilament Diameter

- 0.22 mm

Expansion Ratio

- 1 to 1.3 approx.

Specifications

- IEC 60684 sheet 341
- UL 224

Put up

On coils of variable length, depending on the diameter of the sleeving. On request in cut lengths or spools.

Handling

No special handling requirements. For product safety data and product disposal advice, see separate Safety Data Sheet

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Technical Characteristics

Property	Test	Result		
Thermal Overcharge and Ageing Resistance	Simulation of real operating conditions	Good resistance to thermal overcharges. Maintains its properties after accelerated thermal ageing: 10 days at 175°C		
Longitudinal Change	IEC 60684 – Part 2 Clause 9 4 hours at 175°C ±2°C	10% max.		
Flammability	UL 224 FMV SS302	Self-extinguishing Self-extinguishing type A		
Abrasion Resistance	SAE ARP 1536 A	Min. 100.000 cycles (ϕ 20mm)		
Cold Resistance	Bending at low temperature. IEC 60684 – Part 2 Clause 14	No cracking after bending at -40°C		
Chemical Resistance	Simulation of real operating conditions	In general good resistance to agressive chemical agents.		
		Fluid	**1 hr at 23°C**	**5 min at 90°C**
		Unleaded 98 octane petrol	Pass	----
		Diesel fuel	Pass	----
		Antifreeze – Renault Glaceol RX Type D	Pass	Pass
		Windscreen washer fluid – ad. Pro	Pass	----
		White spirit	Pass	----
		Brake fluid – DOTS	----	Pass
		Motor oil – Elf Competition 15W50ST	----	Pass
		Cold degreaser – Renault 20	----	Pass

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Dimensions

Reference		Size Range			N° of Ends	% Coverage Nominal Ø	Standard Packaging (m)
Black	Grey	Minimum	Nominal	Maximum*			
P242255T04	P242260T04	4	3	5	3	85	200
P402255T08	P402260T08	8	7	9	3	86	200
P482255T10	P482260T10	10	9	12	3	89	200
P642255T15	P642260T15	15	12	18	3	85	100
P802255T20	P802260T20	20	18	26	3	85	100
P722255T25	P722260T25	25	23	30	4	85	100
P962255T25	P962260T25	25	23	31	4	86	100
P962255T30	P962260T30	30	27	35	4	85	100
P122255T50	P122260T50	50	50	56	5	85	50

Note: As the inside diameter is coming closer to the maximum expansion, the sleeving shrinks in length.
Other diameters supplied upon request.
* Maximum expansion can be greater than value stated. This is minimum guaranteed expansion.