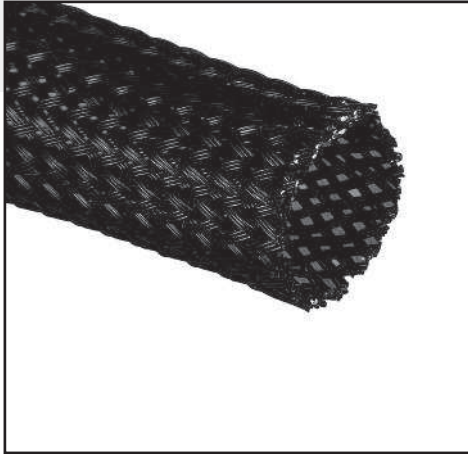


## PROTECTIVE SLEEVING

### PERIFLEX P-O

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.

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#### 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 properties of sleeve.

#### Operating Temperature

- -40°C to +150°C

#### Monofilament Diameter

- 0.22 mm

#### Expansion Ratio

- 1 to 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. 70,000 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 aggressive chemical agents.		
		<b>Fluid</b>	<b>1 hr at 23°C</b>	<b>5 min at 90°C</b>
		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*			
P322255O03	P322260O03	3	2	6	1	59	200
P482255O06	P482260O06	6	4	13	1	DNA	200
P482255O12	P482260O12	12	7	24	3	71	200
P722255O20	P722260O20	20	10	30	3	68	200
P802255O25	P802260O25	25	14	40	3	65	100
P962255O30	P962260O30	30	20	57	3	61	50
P122255O40	P122260O40	40	22	70	3	DNA	50
P122255O50	P122260O50	50	27	85	5	DNA	50

**Note:** As the inside diameter is coming closer to the maximum expansion, the sleeving shrinks in length.  
Other diameters supplied upon request. DNA: Data Not Available  
\* Maximum expansion can be greater than value stated. This is minimum guaranteed expansion.

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