

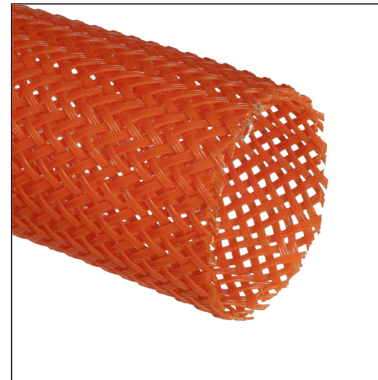
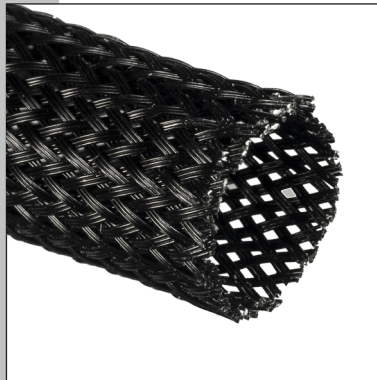
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**SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS**



**SPECIFICATIONS:**

- IEC60684 sheet 341
- FMVSS 302
- SAE ARP1536

**APPLICATION:**

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. Very tough and light weight structure.

**OPERATING TEMPERATURE:** -70°C to +150°C

**MONOFILAMENT DIAMETER:** 0,22 mm

**EXPANSION RATIO:** 1 to 2 approx.

**ITS MAIN FEATURES ARE:**

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

# PERIFLEX PS

## 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.

## 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.

## 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	IEC60684 - Part 2 Clause 9 4 hours at 175°C ±2°C	10% maximum		
Flammability	FMVSS 302	Self-extinguishing		
Abrasion Resistance	SAE ARP 1536	Min. 70.000 cycles (φ 20mm)		
Cold Resistance	Bending at low temperature. IEC 60684 - Part 2 Clause 14	No cracking after bending at -70°C		
Chemical Resistance	Simulation of real operating conditions	<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 -DOT5	---	Pass
		Motor Oil - Elf Competition 15W50ST	---	Pass
		Cold degreaser - Renault 20	---	Pass

## DIMENSIONS:

Reference	Size Range			N° of Ends	% Coverage Nominal φ	Standard Packaging (m)
	Minimum	Nominal	Maximum (*)			
P2422__S03	2	3	5	2,5	79	200
P2422__S04	3	4	7	3	87	200
P3222__S05	4	5	9	3	90	200
P3222__S06	5	6	10	3	84	200
P4022__S08	6	8	14	3	81	200
P4822__S10	8	10	18	3	82	200
P5622__S12	10	12	21	3	82	200
P6422__S15	12	15	22	3	80	100
P8022__S20	15	20	27	3	73	100
P8022__S25	20	25	34	3	66	100
P9622__S30	25	30	45	4	80	100
P1222__S40	35	40	60	4	67	50
P1222__S50	45	50	73	5	75	50
P1422__S70	62	70	90	6	81	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.**

Standard colour ( \_\_ ): 55 Black; 60 Grey; 59 Orange