

## PROTECTIVE SLEEVING

### PERIFLEX P-S

Sleeving for thermal, electrical, mechanical & EMI applications

#### 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. Very tough and light weight structure.

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#### Features & Benefits

- Halogen free
- Good chemical resistance
- Very good abrasion resistance
- Self-extinguishing

#### Operating Temperature

- -40°C to +150°C

#### Monofilament Diameter

- 0,22 mm

#### Expansion Ratio

- 1 to 2 approx.

#### Specifications

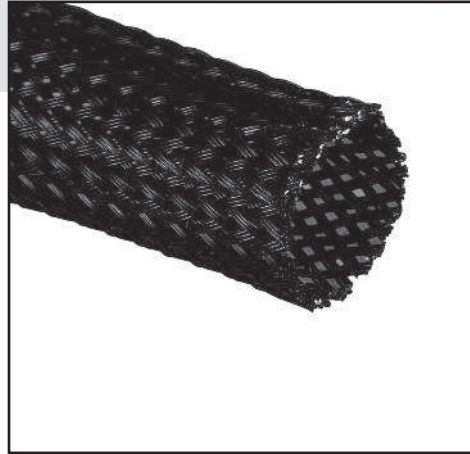
- IEC 60684 sheet 341
- UL224

#### 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.

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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*			
P242255S03	P242260S03	2	3	5	2,5	79	200
P242255S04	P242260S04	3	4	7	3	87	200
P322255S05	P322260S05	4	5	9	3	90	200
P322255S06	P322260S06	5	6	10	3	84	200
P402255S08	P402260S08	6	8	14	3	81	200
P482255S10	P482260S10	8	10	18	3	82	200
P562255S12	P562260S12	10	12	21	3	82	200
P642255S15	P642260S15	12	15	22	3	80	100
P802255S20	P802260S20	15	20	27	3	73	100
P802255S25	P802260S25	20	25	34	3	66	100
P962255S30	P962260S30	25	30	45	4	80	100
P122255S40	P122260S40	35	40	60	4	67	50
P122255S50	P122260S50	45	50	73	5	75	50
P142255S70	P142260S70	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.

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