

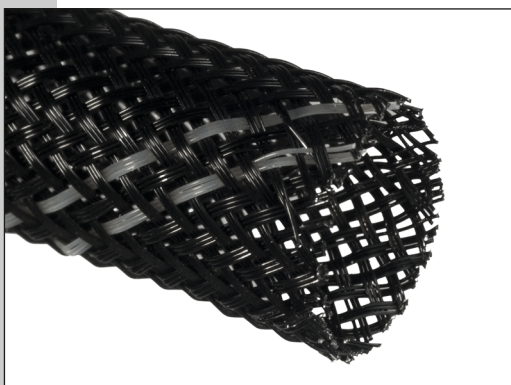
 Relats HQ	 +34 938 627 510	 relatshq@relats.com
Relats UK	+44 1495 271 161	relatsuk@relats.com
Relats China	+86 512 8155 7766	relatschina@relats.com
Relats México	+52 472 748 91 00	relatsmexico@relats.com
Relats Maroc	+212 539 398 850	relatsmaroc@relats.com

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS



SPECIFICATIONS:

- IEC60684 sheet 341
- EN 45545-2 2013

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.

OPERATING TEMPERATURE: -70°C to +150°C
(-94°F to +302°F)

MONOFILAMENT DIAMETER: 0,22 mn (0.009")

EXPANSION RATIO: 1 to 2 approx.

ITS MAIN FEATURES ARE:

- Halogen free
- Good chemical resistance
- Very good abrasion resistance
- Self-extinguishing
- Very tough and light weight structure
- UL94 V0 (raw material)

PERIFLEX PS VO RW

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 (+347°F)		
Longitudinal Change	IEC60684 - Part 2 Clause 9 4 hours at 175°C ±2°C (4 hours at +347°F ±2°F)	10% maximum		
Abrasion Resistance	SAE ARP 1536	Min. 70.000 cycles ϕ20mm (25/32 in)		
Cold Resistance	Bending at low temperature. IEC 60684 - Part 2 Clause 14	No cracking after bending at -70°C (-94°F)		
Chemical Resistance	Simulation of real operating conditions	In general good resistance to aggressive chemical agents		
		Fluid	1 hr at 23°C (73,4°F)	5 min at 90°C (194°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 -DOT5	---	Pass
		Motor Oil - Elf Competition 15W50ST	---	Pass
		Cold degreaser - Renault 20	---	Pass
Smoke Density	ISO 5659-2	Ds max: 114		
Gas Toxicity	NF X - 70-100-1 2006 NF X - 70-100-2 2006	Conventional Toxicity Index ITC: 8,56		
Oxygen Index	NF EN ISO 4589-2 1999	I O: 34,3%		
Smoke Class	NF F 16-101	Smoke Index IF: 12 ; Smoke Class: F1; Reaction to fire Class: I2		
Fire Behaviour	EN 45545-2 2013	R22&R23: Hazard level HL1, HL2, HL3		

DIMENSIONS:

Reference		Size Range (mm) (in)			N° of Ends	% Coverage Nominal Ø	Standard Packaging (m) (ft)
Black	Grey	Minimum	Nominal	Maximum (*)			
P242256S03	P242226S03	2 (5/64")	3 (1/8")	5 (13/64")	2,5	79	200 (656)
P242256S04	P242226S04	3 (1/8")	4 (5/32")	7 (9/32")	3	87	200 (656)
P322256S05	P322226S05	4 (5/32")	5 (13/64")	9 (23/64")	3	90	200 (656)
P322256S06	P322226S06	5 (13/64")	6 (15/64")	10(25/64")	3	84	200 (656)
P402256S08	P402226S08	6 (15/64")	8 (5/16")	14 (35/64")	3	81	200 (656)
P482256S10	P482226S10	8 (5/16")	10 (25/64")	18 (45/64")	3	82	200 (656)
P562256S12	P562226S12	10 (25/64")	12 (15/32")	21 (53/64")	3	82	200 (656)
P642256S15	P642226S15	12 (15/32")	15 (19/32")	22 (55/64")	3	80	200 (656)
P802256S20	P802226S20	15 (19/32")	20 (25/32")	27 (1 1/16")	3	73	200 (656)
P802256S25	P802226S25	20 (25/32")	25 (63/64")	34 (1 11/32")	3	66	100 (328)
P962256S30	P962226S30	25 (63/64")	30 (1 3/16")	45 (1 49/64")	4	80	100 (328)
P122256S40	P122226S40	35 (1 3/8")	40 (1 37/64")	60 (2 23/64")	4	67	50 (164)
P122256S50	P122226S50	45 (1 49/64")	50 (1 31/32")	73 (2 7/8")	5	75	50 (164)

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: Black with Grey tracer; Grey with Black tracer