

PERIFLEX PS VO RW



Braided sleeving made of polyester monofilament, 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.

Material: Polyester Monofilament.

Temperature: -70°C to +150°C
-94°F to +302°F

Expansion Ratio: 1:2

Fire Behaviour EN 45545-2: R22&R23 Hazard Level: HL1, HL2, HL3.

Application:



Mechanical
Protection



Flammability



UL-94 V0

Standard Colour: Black with grey tracer; Grey with black tracer.



innovative covering solutions

Relats, SA - HQ (Catalonia-Spain) · Relats China · Relats Mexico · Relats Morocco · Relats Vietnam · Relats East Europe (Romania)
relatshq@relats.com · www.relats.com

TECHNICAL CHARACTERISTICS

Property	Test	Result
Ageing Resistance	3000 hours at +150°C (+302°F) 240 hours at +175°C (+347°F)	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable.
Abrasion Resistance	SAE ARP 1536	Min. 70.000 cycles ϕ 20mm (25/32 in)
Fire Behaviour	EN 45545-2	R22&R23: Hazard level HL1, HL2, HL3
Longitudinal Change	IEC 60684- Part 2 Clause 9 4 hours at 175°C $\pm$ 2°C (+347°F)	10% maximum
Cold Resistance	Bending at low temperature. IEC 60684- Part 2 Clause 14	No cracking after bending at -70°C (-94°F)

DIMENSIONS

Reference		Diameter (mm) (in)			N° of Ends	% Coverage Nominal ϕ	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	100 (328)
P802256S20	P802226S20	15 (19/32")	20 (25/32")	27 (1 1/16")	3	73	100 (328)
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)
P142256S70	P142226S70	62 (2 7/16")	70 (2 3/4")	90 (3 35/64")	6	81	50 (164)

Note: (*) Maximum expansion can be greater than value stated. This is minimum guaranteed expansion.
As the inside diameter is coming closer to the maximum expansion, the sleeving shrinks in length.
Standard colour: Black with Grey tracer; Grey with Black tracer
Other diameters supplied upon request.
Colour tone may vary. This does not affect technical properties of sleeve.

PACKAGING

Coils
Cut lengths upon request

SPECIFICATIONS

IEC 60684
EN 45545-2
SAE ARP 1536

This information and data is believed to be accurate and reliable. Relats places 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. Relats reserves the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.
Material Safety Data Sheet available.