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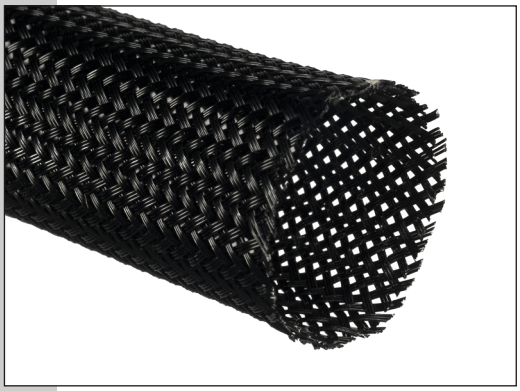
PERIFLEX NSG

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS



SPECIFICATIONS:

· IEC60684 sheet 341
· FMVSS 302

APPLICATION:

Mechanical and thermal protection of electrical conductors and other componenets and disminution of noise caused by vibrations. Because of its expandability the product allows the jacketing of bunches and sets of wires of different diameters within the same sleeving and is very easy to mount.

DESCRIPTION:

Braided sleeving composed of monofilament polyamide, 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: 0,25 mm

EXPANSION RATIO: 1 to 2 approx.

ITS MAIN FEATURES ARE:

- Halogen free
- Good chemical resistance
- Excellent abrasion resistance
- Self-extinguishing

PERIFLEX NSG

NOTE: Colour tone may vary. This does not affect technical properties of sleeve.

PERIFLEX NSG

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 beyound 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 test, 10 days at +175°C		
Longitudinal Change	IEC 60684 - Part 2 Clause 9 4 hours at +175°C ±2°C	10% maximum		
Flammability	FMVSS 302	Self-extinguishing		
Abrasion Resistance	0,45 mm dia piano wire abrader, 1 kg weight, 20 mm amplitude, 150 cycles/min.	Minimum 500.000 cycles		
Cold Resistance	Bending a low temperature. IEC 60684 - Part 2 Clause 14	No cracking after bending at -70°C		
Chemical Resistance	Simulation of real operating conditions	In general good resistance to aggressive chemical agents		
		Fluid	**1 hr at 23°C**	**5 min at 90°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

DIMENSIONS:

Reference	Size Range (mm)			Nº of Ends / Carrier	% Coverage Nominal ø	Standard Packaging (m)
	Minimum	Nominal	Maximum (*)			
N242555S04	3	4	8,1	3	92	200
N322555S06	4	6	9,5	3	90	200
N402555S06	4	6	9,5	2	85	200
N402555S08	5	8	12	3	90,6	200
N482555S10	7	10	15	3	88,3	200
N482555S12	8	12	18	4	92,9	200
N482555S14	10	14	20	4	874	200
N722555S16	13	16	21	3	88,5	100
N802555S18	14,5	18	24	3	88,2	100
N802555S20	16	20	28	3	85	100
N722555S22	17	22	35	4	85,3	100
N642555S25	18	25	40	5	85	100
N812555S30	26	30	45	4	85	100
N122555S40	34	40	55	4	85	50
N122555S50	45	50	63	5	86	50
N122555S60	52	60	68	6	85	50
N122555S70	62	70	75	6	85	50

(*) Maximum expansion ratio 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.

NOTE: Standard Colour: Black
Other diameters supplied upon request