

PROTECTIVE SLEEVING

PERIFLEX DURASLEEVE

Sleeving for thermal, electrical, mechanical & EMI application

Applications

Mechanical and thermal protection of electrical conductors and other components. Because of its expandability and treatment the product allows to assemble and jacket bunches and set of wires of different diameters within the same sleeving and is very easy to mount and cut.

Description

Braided sleeving made of multifilament polyester intended for thermal insulation and mechanical protection. Its main characteristic is the special form of braiding, which allows increasing the interior diameter of the sleeving considerably, the sleeving at the same time contracting in length. Due to the special disposition of the yarns the coverage of this sleeving is almost 100% in all of its expansion range. This sleeving makes no noise during its handling in comparison to the polyester monofilament sleeving, because of its composition and disposition of the yarns. Extremely tough and light-weight structure

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Features & Benefits

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

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

Operating Temperature

- -40°C to +150°C

Specifications

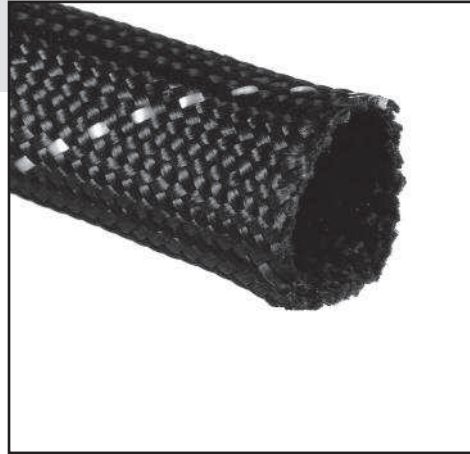
- IEC 60684 sheet 340
- UL 224

Put up

On spools of variable length, depending on the diameter of the sleeving. In cut lengths.

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		
Heat 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 FMW SS302	Self-extinguishing Self-extinguishing		
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.		
		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 – DOTS	----	Pass
		Motor oil – Elf Competition 15W50ST	----	Pass
		Cold degreaser – Renault 20	----	Pass

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Dimensions

Reference	Size Range			N° of Ends	Standard Packaging (m)
	Minimum	Nominal	Maximum*		
DURA1_ _050	3.5	5	6	1	0.50 ± 0.15
DURA1_ _061	4	6	8	1	0.50 ± 0.15
DURA1_ _065	4.5	6.5	8.5	1	0.50 ± 0.15
DURA1_ _080	6	8	12	2	0.50 ± 0.15
DURA1_ _100	8	10	16	2	0.50 ± 0.15
DURA1_ _120	9	12	18	2	0.50 ± 0.15
DURA1_ _150	11	15	24	2	0.50 ± 0.15
DURA1_ _200	14	20	30	2	0.50 ± 0.15
DURA1_ _250	20	25	37	2	0.50 ± 0.15
DURA1_ _300	22	30	40	2	0.50 ± 0.15
DURA1_ _400	28	40	50	3	0.50 ± 0.15

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_ _:NE black

DA black with white tracer

Note: On request we supply other diameters.

* Maximum expansion can be greater than value stated. This is minimum guaranteed expansion.