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Datasheet

RS PRO Self Closing Polyester Sleeve

ENGLISH



ABOUT THIS PRODUCT

Made of monofilament and multifilament polyester fibres, this woven open sleeve has unique wraparound qualities, allowing for easy cable bundling before and after wire harness assembly. The product offers a 25%, 50% and 75% overlap with excellent closure memory. The special woven structure ensures the cables inside remain hidden and protected.

Handling: No special handling requirements. For product safety data and product disposal advice see separate material data safety sheet.

FEATURES AND BENEFITS

- Very good abrasion resistance
- Excellent closure memory
- LSZH with high oxygen index (35.5%)
- Self-extinguishing
- Flexible
- Guillotine cutting
- Recyclable

APPLICATIONS

- Post termination cable bundling
- Wiring harnesses
- Abrasion protection
- Sound reduction
- Thermal barrier

MATERIAL DATA

Product Code	242
Material	Polyester
Standard Colour	Black
Abrasion Resistance	ISO 6722 Min. 15,000 cycles (Ø 20mm)
Operating Temperature – ˚C	-40 – +150
Relevant Specifications	UL 224, IEC 60684, FMV SS302

TECHNICAL TABLE

Property	Test	Results		
Heat Resistance	10 days at +175˚C 3000 hours at +150˚C	Pass Pass		
Longitudinal Change	IEC 60684 – Part 2 Clause 9 4 hours at 175˚C	10% Maximum		
Flammability	FMV SS302	Self-extinguishing		
Abrasion Resistance	ISO 6727	Min. 15,000 cycles (ø 20mm)		
Cold Resistance	Bending at low temperature IEC 60684 – Part 2 Clause 14	No cracking after bending at -40˚C		
Chemical Resistance	Simulations of real operating conditions conditions	**Fluid**	**1 hour @ 23˚C**	**5mins @ 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 15W50S	----	Pass
		Cold degreaser - Renault 20	----	Pass

DIMENSIONS

Size	Diameter 25% overlap (mm)	Diameter 25% overlap (in)	Standard Packaging (m)
4	9	23/64”	250
7	13	33/64”	200
10	16	5/8”	150
14	21	53/64”	100
20	29	1 9/64”	75
26	35	1 3/8”	75
32	44	1 47/64”	50
44	61	1 13/32”	35