

Datasheet

RS PRO Acrylic Resin Impregnated Fibreglass Cable Sleeve

RS Stock numbers [398-745](#), [398-751](#), [398-846](#), [398-852](#), [398-896](#), [398-903](#), [398-874](#), [398-880](#), [399-568](#)



MATERIAL DATA	
Material	Acrylic Coated Braided Fibre Glass
Standard Colour	Natural, Black, Red
Operating Temperature	-25 to +155°C
Relevant Specifications	IEC 60684 Part 2, UL1441

DIELECTRIC STRENGTH		
Test	Method	VAC10
IEC 60684	250 mm.Inst. B/D Central Value (kV)	0.8
IEC 60684	250 mm.Inst. B/D Central Value (kV)	0.7
UL 1441	25 mm.Inst. B/D (kV)	1.0

TECHNICAL TABLE		
Property	Test	Result
Heat Resistance	Bending after heating, IEC 60684 Part 2 Clause 13, 48 hours at 180°C	No cracking or detachment of coating shall be visible and the original colours shall be clearly recognisable
Flammability	Flame propagation, IEC 60684 Part 2 Clause 6, Method A, Vertical with mandrel	Extinguishes within 60 seconds
Cold Resistance	Bending at low temperature: IEC 60684 Part 2 Clause 14 at -70°C	No cracking or detachment of coating shall be visible

DIMENSIONS		
Nominal Bore (mm)	Bore Tolerance (mm)	Minimum Wall Thickness (mm)
0.5	+0.20	0.20
1.0	+0.20	0.25
1.5	+0.20	0.25
2.0	+0.20	0.25
2.5	+0.20	0.25
3.0	+0.30	0.25
4.0	+0.30	0.35
5.0	+0.30	0.35
6.0	+0.30	0.35
7.0	+0.30	0.35
8.0	+0.50	0.35
9.0	+0.50	0.35
10.0	+0.50	0.35
12.0	+0.50	0.45
14.0	+0.50	0.45
16.0	+0.50	0.45
18.0	+0.50	0.55
20.0	+0.50	0.55
22.0	+0.50	0.60
25.0	+0.50	0.60

HANDLING

Care should be taken to minimize dust formation during handling and cutting of this glass based material as dust or broken particles may cause skin irritation. The use of barrier creams on exposed areas will minimize the risk of skin irritation