



Electrical Insulation Material
Vidaflex S550 UL
7,0 kV 180°C

VIDAFLEX S550 UL

Composition

VIDAFLEX S550: Silicone elastomer coated braided "E"- glass insulating sleeving. VIDAFLEX

S550 are UL recognized components (UL-File: E154100(M)).

VIDAFLEX S550 insulating sleeveings offer a high degree of flexibility and they provide a good resistance against ozone ultraviolet radiation and humidity.

VIDAFLEX S550 insulating sleeveings are compliant to the requirements of the directive 2002/95/EC (RoHS).

Max. short term temperature: 250°C.

Application

Protection and insulation of leads and wiring harness in household appliances, lamps and vehicles. Insulation of the internal wiring of electrical motors.

Thermal Class 180 (Class H) according to IEC 60085

Bore size (mm)	Nom. wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at RT (kV)
1,0 ± 0,10	0,80	8	≥ 7,0
2,0 ± 0,15	0,80	9	≥ 7,0
3,0 ± 0,15	0,80	11	≥ 7,0
4,0 ± 0,2	0,80	15	≥ 7,0
5,0 ± 0,2	0,80	20	≥ 7,0
6,0 ± 0,25	0,80	24	≥ 7,0
7,0 ± 0,25	0,80	28	≥ 7,0
8,0 ± 0,25	0,80	35	≥ 7,0
9,0 ± 0,3	0,90	45	≥ 7,0
10,0 ± 0,3	0,90	50	≥ 7,0
12,0 ± 0,3	0,90	58	≥ 7,0
14,0 ± 0,4	0,90	72	≥ 7,0
16,0 ± 0,4	0,90	90	≥ 7,0
18,0 ± 0,5	0,90	108	≥ 7,0
20,0 ± 0,5	0,90	125	≥ 7,0
22,0 ± 0,5	0,90	145	≥ 7,0
25,0 ± 0,5	0,90	182	≥ 7,0

Measurement according to EN 60684-2

Availability	
Standard length	250, 100, 50 and 25 m spools, dependant on bore size. Cut to length on request.
Colour	Black (redoxide on request)