



Electrical Insulation Material
Vidaflex SS400E
5,0 kV 180°C

VIDAFLEX SS400E

Composition

VIDAFLEX SS400E insulating sleeves are made of extruded silicone elastomer.

VIDAFLEX SS400E insulating sleeves are characterised by their high degree of flexibility and electric strength.

VIDAFLEX SS400E insulating sleeves are compliant to the requirements of the directive 2002/95/EC (RoHS).

Temperature range: -60°C to + 250°C.

Application

Insulation of lead outs and connections on sub-miniature transformers and coils employing fine gauge winding wire.

Insulation of carbon brush flexibles and thyristor connections.

Thermal Class 180 (Class H) according to IEC 60085

Bore size (mm)	Nom. wall thickness (mm)	Weight approx. (g/m)	Breakdown voltage at 20°C (kV)
1,0 ± 0,15	0,50	3	≥ 5,0
1,5 ± 0,15	0,50	4,5	≥ 5,0
2,0 ± 0,20	0,50	5,5	≥ 5,0
2,5 ± 0,20	0,50	6,5	≥ 5,0
3,0 ± 0,20	0,50	7,5	≥ 5,0
3,5 ± 0,20	0,50	8,5	≥ 5,0
4,0 ± 0,20	0,50	10	≥ 5,0
4,5 ± 0,20	0,50	11	≥ 5,0
5,0 ± 0,20	0,50	12	≥ 5,0
6,0 ± 0,25	0,50	14	≥ 5,0
7,0 ± 0,25	0,50	16	≥ 5,0
8,0 ± 0,25	0,50	18,5	≥ 5,0
9,0 ± 0,25	0,50	20,5	≥ 5,0
10,0 ± 0,25	0,50	22,5	≥ 5,0
12,0 ± 0,50	0,50	27	≥ 5,0
14,0 ± 0,50	0,50	31	≥ 5,0
16,0 ± 0,50	0,50	35,5	≥ 5,0
18,0 ± 0,50	0,50	40	≥ 5,0



1,0 ± 0,15	1,0	8,5	≥ 10,0
1,5 ± 0,15	1,0	11	≥ 10,0
2,0 ± 0,20	1,0	13	≥ 10,0
2,5 ± 0,20	1,0	15	≥ 10,0
3,0 ± 0,20	1,0	17	≥ 10,0
3,5 ± 0,20	1,0	19	≥ 10,0
4,0 ± 0,20	1,0	21,5	≥ 10,0
4,5 ± 0,20	1,0	23,5	≥ 10,0
5,0 ± 0,20	1,0	26	≥ 10,0
6,0 ± 0,25	1,0	30	≥ 10,0
7,0 ± 0,25	1,0	34,5	≥ 10,0
8,0 ± 0,25	1,0	39	≥ 10,0
9,0 ± 0,25	1,0	43	≥ 10,0
10,0 ± 0,25	1,0	47,5	≥ 10,0
12,0 ± 0,50	1,0	56	≥ 10,0
14,0 ± 0,50	1,0	64,5	≥ 10,0
16,0 ± 0,50	1,0	73	≥ 10,0
18,0 ± 0,50	1,0	82	≥ 10,0
20,0 ± 0,50	1,0	90,5	≥ 10,0
22,0 ± 0,50	1,0	99	≥ 10,0
24,0 ± 0,50	1,0	107,5	≥ 10,0
25,0 ± 0,50	1,0	112	≥ 10,0
1,0 ± 0,15	1,5	16	≥ 15,0
1,5 ± 0,15	1,5	19,5	≥ 15,0
2,0 ± 0,20	1,0	22,5	≥ 15,0
2,5 ± 0,20	1,0	26	≥ 15,0
3,0 ± 0,20	1,0	29	≥ 15,0
3,5 ± 0,20	1,0	32,5	≥ 15,0
4,0 ± 0,20	1,0	35,5	≥ 15,0
4,5 ± 0,20	1,0	39	≥ 15,0
5,0 ± 0,20	1,0	42	≥ 15,0
6,0 ± 0,25	1,0	48,5	≥ 15,0
7,0 ± 0,25	1,0	55	≥ 15,0
8,0 ± 0,25	1,0	61,5	≥ 15,0
9,0 ± 0,25	1,0	68	≥ 15,0
10,0 ± 0,25	1,0	74	≥ 15,0
12,0 ± 0,50	1,0	87	≥ 15,0
14,0 ± 0,50	1,0	100	≥ 15,0
16,0 ± 0,50	1,0	113	≥ 15,0
18,0 ± 0,50	1,0	126	≥ 15,0
20,0 ± 0,50	1,0	139	≥ 15,0
22,0 ± 0,50	1,0	152	≥ 15,0
24,0 ± 0,50	1,0	165	≥ 15,0
25,0 ± 0,50	1,0	171	≥ 15,0

Measurements according to EN 60684-2

Availability

Standard roll length	500, 250, 100, 50 and 25 m spools (other length on request). Cut to length on request.
Colour	Yellow, black, brown, blue, red, natural