

SIAF Technical Data Sheet

Working Voltage	Test Voltage	Temperature Range
300/500V	2000V	-50°C to 180°C *



*-50°C refers to a fixed installation

Conductor:	Class 5 flexible tinned copper wires to EN(IEC-VDE) 60228
Insulation:	Silicone rubber
Standards:	Absence of halogens (LSOH) to EN 50267-2-1 Low degree of acidity to EN 50267-2-2 Low emission of toxic smoke and gases EN 61034-1 - EN 61034-2 Flame propagation test to EN 60332-1-2
Application:	Suitable for high temperature applications including packaging, lighting and refrigeration. As a by-product the silicone compound is also Low Smoke Zero Halogen.

Section (mm)	Composition (N° x Ø mm)	Diameter (mm)	Insulation Thickness (mm)	External Ø (mm)	Resistance Max @ 20°C (Ohm/km)	Max. 20°C Ampere	Weight (Kg/km)
0.25	8 x 0.20	0.70	0.45	1.60	75.50	5.0	5.40
0.35	11 x 0.20	0.80	0.50	1.80	54.70	8.00	6.50
0.50	16 x 0.20	0.90	0.60	2.10	39.00	12.00	9.10
0.75	24 x 0.20	1.20	0.60	2.40	26.00	15.00	12.60
1.00	32 x 0.20	1.30	0.60	2.50	19.50	17.00	15.10
1.50	30 x 0.25	1.60	0.60	2.80	13.30	23.00	20.40
2.00	40 x 0.25	1.80	0.60	3.00	9.75	28.00	25.80
2.50	50 x 0.25	2.00	0.70	3.40	7.98	33.00	32.60
3.00	60 x 0.25	2.20	0.70	3.60	6.50	37.00	36.00
4.00	56 x 0.30	2.70	0.75	4.20	4.95	41.00	50.00
6.00	84 x 0.30	3.30	0.85	5.00	3.30	50.00	74.50
10.00	80 x 0.40	4.40	1.05	6.50	1.91	80.00	125.00
16.00	126 x 0.40	5.50	1.25	8.00	1.21	100.00	196.00
25.00	196 x 0.40	6.80	1.50	9.80	0.78	145.00	301.00