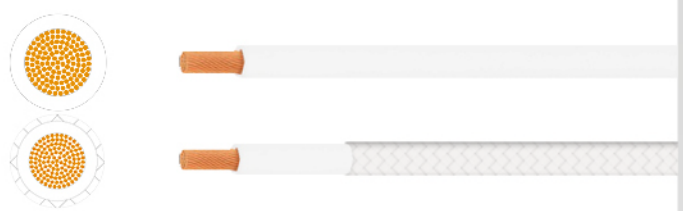


SIAF (single core silicone)

SIAF/GL (with fiber glass braid)



TECHNICAL FEATURES

Operating temperature:	-60°C ÷ +180° C / laying temp. -40°C ÷ +180°C
Rated voltage:	300/500V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Tinned or bare copper strand
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Silicone rubber
Core identification	Acc. to CEI UNEL 00722 / HD 308 / VDE-0293
Printing	on request
Max. temp. of short circuit:	250° C (max. 5 sec)
Min. bending radius:	6 x cable Ø
Standards	Acc. to CEI - DIN VDE 0250

APPLICATION

Silicone cables are employed where insulations are subjected to extreme changes in temperature. Due to good resistance in all weather conditions these cables can also be employed at temperatures as low as - 60°C. Recommended for internal wiring of appliances where totally enclosed and protected against mechanical abuse and against substances like oils and chemical solvents. Silicone cables are halogen free.

SPECIAL FEATURES

Halogen free according to DIN VDE 0482 part 267 / EN 50267-2-1/ IEC 60754-1

On request: flame retardant and self extinguishing
CEI 20-35 / EN 60332-1 / EN 50265

REMARKS

Conform to RoHS

CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Lead free CEI 20-52

Customized versions on demand

OPTIONS

SIAF/GL with fiber glass braid

SIAF -40/+180°C

Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²	mm	kg/km	kg/km
0,5	2,1	4,8	9,6
0,75	2,4	7,2	13,3
1	2,5	9,6	15,9
1,5	2,8	14,4	21,9
2,5	3,4	24	34,7
4	4,2	38,4	54,4
6	5,2	57,6	82,3
10	6,4	96	131,9
16	8	153,6	209,1
25	10	240	326,7
35	11,2	336	438,8
50	13,3	480	624
70	15,4	672	860,2
95	17,8	912	1161
120	19,8	1152	1456,2
150	21,5	1440	1784,8
185	24,4	1776	2233,4
240	26,8	2304	2828,6
300	29,6	2880	3508,2

SIAF/GL -40/+200°C

Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²	mm	kg/km	kg/km
0,5	2,4	4,8	10,8
0,75	2,7	7,2	14,5
1	2,8	9,6	17,1
1,5	3,1	14,4	23,1
2,5	3,7	24	36,1
4	4,6	38,4	57,2
6	5,6	57,6	85,7
10	7,2	96	140,6
16	8,8	153,6	220,0
25	10,8	240	339,8
35	12,0	336	453,3
50	14,1	480	642,2
70	16,2	672	881,0
95	18,6	912	1184,8
120	20,6	1152	1483,1
150	22,3	1440	1814,9
185	25,2	1776	2267,9
240	27,6	2304	2867,9
300	30,4	2880	3552,5



The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tolerances on weights and diameters ± 5%.