

Silicone Single Core Cable

Halogen Free



Construction 500V cables, fixed or flexible conductor silicone insulated with or without glass fibre braiding, halogen free to IEC 60754-2, tinned copper conductors to DIN VDE 0295 class 5 and IEC 60228 class 5, fixed -60°C to 180°C .
Min. bending radius $15 \times$ cable o.d.

Application Silicone cables are suitable wherever cables are subjected to extreme temperature changes. They are used mainly in the steel producing and aviation industries as well as in ship building, cement, glass and ceramic factories. These cables are halogen free and especially suitable for use in power stations.

Cross section mm ²	Nominal diameter mm	Approx. mass kg/km	Product code
Type SiF – Tinned copper conductors, silicone core insulation			
0.25	1.9	5.5	SIF232
0.5	2.1	8.6	SIF233
0.75	2.4	11.8	SIF234
1	2.5	13.5	SIF235
1.5	2.8	18.5	SIF236
2.5	3.4	30.0	SIF237
4	4.2	47.3	SIF238
6	5.2	71.1	SIF239
10	7.0	119.4	SIF246
16	8.4	187.7	SIF247
25	10.3	289.6	SIF248
35	11.6	398.3	SIF23953
50	13.9	559.7	SIF23954
70	16.0	765.8	SIF23955
95	18.4	1031.5	SIF23956
120	20.0	1284.6	SIF23957
150	23.0	1563.4	SIF23958
185	24.9	1858.2	SIF23959
Type SiF/GL – As SiF plus glass fibre braiding			
0.25	2.4	7.7	SIF/GL47001
0.5	2.6	12.4	SIF/GL47002
0.75	2.9	16.2	SIF/GL47003
1	3.0	18.2	SIF/GL47004
1.5	3.3	23.4	SIF/GL47005
2.5	3.9	35.2	SIF/GL47006
4	4.7	53.5	SIF/GL47007
6	5.7	77.4	SIF/GL47008
10	7.5	129.2	SIF/GL47009
16	8.9	198.4	SIF/GL47010
25	10.8	303.0	SIF/GL47011
35	12.1	413.2	SIF/GL47012
50	14.4	577.8	SIF/GL47013

G = with green-yellow earth core.

X = without green-yellow earth core (OZ).

Silicone single and multicore resistances to oil and acids

• High molecular oils	• Diluted acids
• Fats from vegetables and animals	• Salt dissolution
• Alcohols	• Oxidation substances
• Plasticisers	• Oxygen and UV

Silicone Multicore Cable

Flexible Halogen Free



Construction 300/500V cables, silicone insulated, silicone sheathed, halogen free to IEC 60754-2, tinned copper conductors to DIN VDE 0295 class 5 and IEC 60228 class 5, fixed -60°C to 180°C (peak 220°C). Min. bending radius $7.5 \times$ cable o.d.

Application Silicone cables are suitable wherever cables are subjected to extreme temperature changes. They are used mainly in the steel producing and aviation industries as well as in ship building, cement, glass and ceramic factories. These cables are halogen free and especially suitable for use in power stations.

No. cores & cross-sec. mm ²	Nominal diameter mm	Approx. mass kg/km	Product code
2C			
0.5	5.5	42	SF2X0.5
0.75	6.4	53	SF2X0.75
1	6.6	59	SF2X1
1.5	7.6	81	SF2X1.5
2.5	9.2	134	SF2X2.5
2C+E			
0.5	5.8	44	SF3G0.5
0.75	6.8	63	SF3G0.75
1	7.4	77	SF3G1
1.5	8	98	SF3G1.5
2.5	9.7	152	SF3G2.5
4	11.4	224	SF3G4
6	14.2	338	SF3G6
3C+E			
0.5	6.2	58	SF4G0.5
0.75	7.8	83	SF4G0.75
1	8	94	SF4G1
1.5	8.8	122	SF4G1.5
2.5	10.6	188	SF4G2.5
4	13.1	295	SF4G4
6	16.2	441	SF4G6
4C+E			
0.5	6.8	62	SF5G0.5
0.75	8.5	101	SF5G0.75
1	8.8	115	SF5G1
1.5	9.6	147	SF5G1.5
2.5	11.6	228	SF5G2.5
4	14.4	359	SF5G4
6	17.7	535	SF5G6
6C+E			
1	9.5	144	SF7G1
1.5	10.4	187	SF7G1.5
2.5	13	320	SF7G2.5
4	16.2	479	SF7G4
11C+E			
1	11.5	231	SF12G1
1.5	14.6	314	SF12G1.5
2.5	17.8	502	SF12G2.5

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