

## SiF-k Silicone Insulated Wire, anti-tearing

**Application:** For the internal wiring of luminaires and devices as well as for the wiring of switchgears and distributors with low mechanical stresses, especially at high ambient temperatures.



**Construction**  
 1 ..... fine-stranded tinned copper  
 2 ..... core insulation of silicone, halogen-free, anti-tearing, black

**Standards:** DIN EN 60228 Klasse 5 (construction)

**Technical data:**

Nominal voltage U <sub>0</sub> /U	[V]	300 / 500 Volt
Test voltage	[V] <sub>AC</sub>	2000
Temperature range	in motion	-60°C bis +180°C

Nominal cross section mm <sup>2</sup>	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg/km
0,75	●	7,5	24 x 0,21	2,4	10
1,5	●	15,0	30 x 0,26	2,8	20
2,5	●	25,0	50 x 0,26	3,4	32
4	●	40,0	56 x 0,31	4,2	51
6	●	60,0	84 x 0,31	5,2	78
10	●	100,0	80 x 0,41	6,4	131
16	●	160,0	128 x 0,41	8,0	180
25	●	250,0	200 x 0,41	10,1	290
35	●	350,0	280 x 0,41	11,2	399
50	●	500,0	400 x 0,41	13,5	559
70	●	700,0	356 x 0,51	15,0	766
95	●	950,0	485 x 0,51	18,2	1.031
120	●	1.200,0	614 x 0,51	19,2	1.285
150	●	1.500,0	765 x 0,51	21,4	1.570
185	●	1.850,0	944 x 0,51	23,6	1.945