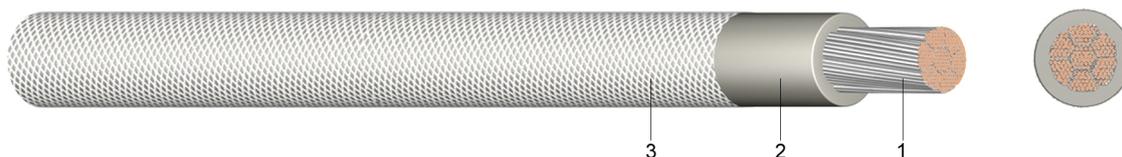


## SiF / GL

## Silicone Insulated Wire with Fibreglass Braiding

### Application:

This wire is well suited for internal wiring in lamps, instruments, control panels and distributors. It is used for high mechanical stress, as the fibreglass braiding protects the silicone insulation from mechanical damages. It is halogen-free and heat resistant.



### Construction:

- 1 ..... fine-stranded tinned or bare copper
- 2 ..... core insulation silicon (2G11)
- 3 ..... impregnated fibreglass braiding

### Standards:

DIN EN 60228 Class 5 (construction)

### Technical data:

Nominal voltage U<sub>0</sub>/U

[V]

300 / 500 Volt  
2000

Test voltage

[V]<sub>Ac</sub>

-60°C till +180°C  
+250°C

Temperature range

in motion  
temporary resilient  
standard

EN 60332-1-2

Flammability

Nominal cross section mm <sup>2</sup>	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg/km
0,75	ws	7,2	24 x 0,21	2,7	15
1	ws	9,6	32 x 0,21	2,8	18
1,5	ws	14,4	30 x 0,26	3,3	26
2,5	ws	24,0	50 x 0,26	3,9	38
4	ws	38,4	56 x 0,31	4,5	55
6	ws	57,6	84 x 0,31	5,2	76
10	ws	96,0	80 x 0,41	7,3	136
16	ws	153,6	128 x 0,41	8,3	200
25	ws	240,0	200 x 0,41	10,2	311
35	ws	336,0	280 x 0,41	11,4	412
50	ws	480,0	400 x 0,41	14,1	583
70	ws	672,0	356 x 0,51	16,1	798
95	ws	912,0	495 x 0,51	18,5	1.073
120	ws	1.152,0	614 x 0,51	20,0	1.329