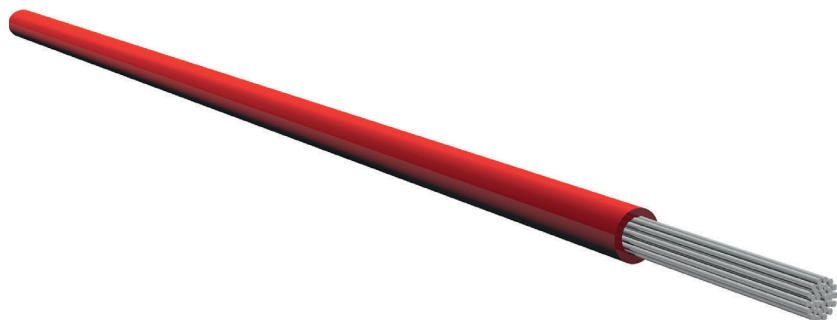
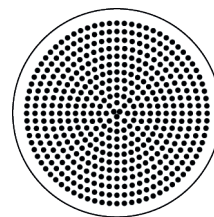


SIAF

Flexible silicon wire



CROSS SECTION



APPLICATION

For wiring lights and switchgears. Used in areas where temperature fluctuations cause conventional PVC-insulated cables to become brittle or cracked. They are resistant to vegetable and animal fats, many oils and diluted acids. The insulation is protected against humidity and resistant to oxygen and ozone. One outstanding property is the high flashpoint. If the cable sets on fire, an insulating layer of silicone dioxide remains on the conductor to prevent a short circuit.

STRUCTURE

Conductor	Flexible copper conductor, tin plated, according to VDE 0295
Cores	Silicone rubber insulation

TECHNICAL DATA

Nominal voltage	500 V
Test voltage	2000 V
Temperature range	-60°C to + 180°C

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	No fire propagation
Halogen-free nature	According to VDE 0472

SPECIAL FEATURES

Properties
Halogen free
Tin-plated copper

ELCAB

mark in kabels

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)
SIAF	0.5	Black	4.8	2.1	8.5
SIAF	0.5	Green/yellow	4.8	2.1	8.5
SIAF	0.5	White	4.8	2.1	8.5
SIAF	0.5	Red	4.8	2.1	8.5
SIAF	0.5	Brown	4.8	2.1	8.5
SIAF	0.5	Blue	4.8	2.1	8.5
SIAF	0.75	Black	7.2	2.4	11.8
SIAF	0.75	Green/yellow	7.2	2.4	11.8
SIAF	0.75	White	7.2	2.4	11.8
SIAF	0.75	Red	7.2	2.4	11.8
SIAF	0.75	Brown	7.2	2.4	11.8
SIAF	0.75	Blue	7.2	2.4	11.8
SIAF	1.0	Black	9.6	2.5	13.5
SIAF	1.0	Green/yellow	9.6	2.5	13.5
SIAF	1.0	White	9.6	2.5	13.5
SIAF	1.0	Red	9.6	2.5	13.5
SIAF	1.0	Brown	9.6	2.5	13.5
SIAF	1.0	Blue	9.6	2.5	13.5
SIAF	1.5	Black	14.4	2.8	18.5
SIAF	1.5	Green/yellow	14.4	2.8	18.5
SIAF	1.5	White	14.4	2.8	18.5
SIAF	1.5	Red	14.4	2.8	18.5
SIAF	1.5	Brown	14.4	2.8	18.5
SIAF	1.5	Blue	14.4	2.8	18.5
SIAF	2.5	Black	24.0	3.4	30.0
SIAF	2.5	Green/yellow	24.0	3.4	30.0
SIAF	2.5	White	24.0	3.4	30.0
SIAF	2.5	Red	24.0	3.4	30.0
SIAF	2.5	Brown	24.0	3.4	30.0
SIAF	2.5	Blue	24.0	3.4	30.0
SIAF	4.0	Black	38.4	4.2	47.3
SIAF	4.0	Green/yellow	38.4	4.2	47.3
SIAF	4.0	White	38.4	4.2	47.3
SIAF	4.0	Red	38.4	4.2	47.3
SIAF	4.0	Brown	38.4	4.2	47.3
SIAF	4.0	Blue	38.4	4.2	47.3
SIAF	6.0	Black	57.6	5.2	71.2
SIAF	6.0	Green/yellow	57.6	5.2	71.2
SIAF	6.0	White	57.6	5.2	71.2
SIAF	6.0	Red	57.6	5.2	71.2
SIAF	6.0	Brown	57.6	5.2	71.2
SIAF	6.0	Blue	57.6	5.2	71.2

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