

SOLIDE- AND STRANDED WIRES ACCORDING TEMPERATURE CLASS (A, F, H)



These Silicone Stranded Wires are flexible cables of temperature class H (180°C), covered with an extruded silicone rubber insulation. They are halogen-free and offer good dielectric strength even under short-term thermal overload.

Silicone Switching Wires

Properties

Material:

Tinned copper conductor, Silicone rubber

Temperature Class:

H (180°C)

Technical data:

Dielectric strength: 3000V/mm

Elongation at break:

250-350 %

Water absorption:

1%

Ozone resistance:

good

Chemical resistance:

good Flexibility: excellent

Put-up:

0.50 mm² - 1.00: Rings of 200 m

1.5 - 10.00 mm²: Rings of 100 m

16.00 mm² - 50.00 mm²: Rings of 50 m

Colors

red (rt), blue (bl), black (sw), white (ws), green (gn), yellow (ge), gray (gr), brown (br), orange (or), violet (vi), green-yellow (gnge)

Application:

For internal wiring at high ambient temperatures such as

- Lamps and lights
- Household appliances
- Measuring device construction
- Mechanical and plant engineering

Dimensions:

Master number	Copper conductor			Insulation		Colors										
	Cross cut	Number of wires x nominal ø	Weight	Wall thickness	Outer Ø	RT	BL	SW	WS	GN	GE	GR	BR	OR	VI	GNGE
	[mm ²]	[mm]	[kg/km]	[mm]	[mm]											
SLSI0050	0,50	16 x 0,20	4,8	0,6	2,2	◆	◆	◆	◆	◆	◆	◆	◆	◆	-	◆
SLSI0075	0,75	24 x 0,20	7,2	0,6	2,4	◆	◆	◆	◆	◆	◆	◆	◆	◆	-	◆
SLSI0100	1,00	32 x 0,20	9,6	0,6	2,6	◆	◆	◆	◆	◆	◆	◆	◆	◆	-	◆
SLSI0150	1,50	30 x 0,25	14,4	0,7	3,0	◆	◆	◆	◆	◆	◆	◆	◆	◆	-	◆
SLSI0250	2,50	50 x 0,25	24,0	0,7	3,4	◆	◆	◆	◆	◆	◆	◆	◆	◆	-	◆
SLSI0400	4,00	56 x 0,30	38,4	0,8	4,2	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI0600	6,00	84 x 0,30	57,6	0,8	5,2	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI1000	10,00	80 x 0,40	96,0	1,0	6,8	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI1600	16,00	128 x 0,40	154	1,2	8,4	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI2500	25,00	200 x 0,40	240	1,4	10,3	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI3500	35,00	280 x 0,40	336	1,4	11,6	◆	◆	◆	◆	-	-	-	-	-	-	◆
SLSI5000	50,00	400 x 0,40	570	---	13,8	◆	◆	◆	◆	-	-	-	-	-	-	◆

◆ on request