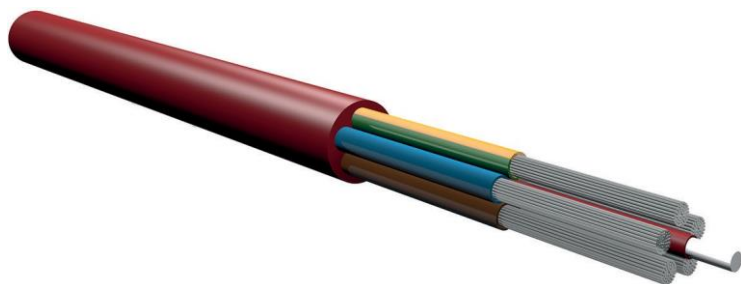


SIHF silicone hose assemblies

Heat and cold resistant, halogen-free

RoHS



Use:

These heat- and cold-resistant silicone hose assemblies are used as movable connection cables for devices where high temperature effects occur and at ambient temperatures from -60°C to +180°C. They can be loaded up to +250°C for a short time. They are suitable for headlights, heating devices, rolling and combined heat and power plants. Can also be used as a movable connection cable. They are resistant to vegetable and animal fats. The insulation is tropical-proof and resistant to ozone and oxygen. One outstanding feature is the high flash point. When the line burns, an insulating layer of silicon dioxide remains on the conductor, which can prevent a short circuit.

Construction:

Conductor	copper strand, tin-plated, fine-stranded, construction according to DIN VDE 0295 class 5, cores concentrically stranded in layers
Cores	Silicone rubber, colored up to 5-core, or black from 6-wire with number imprint according to VDE 0293
Outer sheath	silicone rubber according to VDE 0207 part 21

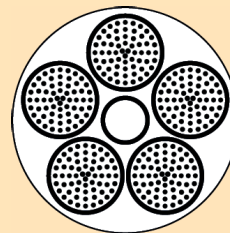
Technical data:

Rated voltage 300V	/ 500V
Test voltage	2000V
at 20°C	min.: 20 MOhm x km
Operating temperature-60°C	to +180°C
min. installation	temperature-25°C
max. installation temperature	+180°C
min. bending radius	7.5 x cable diameter

Tests according to DIN VDE 0472 and IEC:

Burning behaviour 332-1	Test type B according to VDE 0472 Part 804 and IEC
Insulation maintenance	according to VDE 0472 Part 814 or IEC 331
heat-resistant silicone cables	

Cross section



Special features

Properties
halogen-free
tin-plated
copper

Coat color
auburn

Article designation		Cu Weight	Outer diameter(mm)	Gew. (kg/km)	Article
SIHF-O	2x0,75	14,0	6,4	53	7150200
SIHF-O	2x1	19,0	6,6	64	7150201
SIHF-O	2x1,5	28,8	7,6	77	7150202
SIHF-O	2x2,5	48,0	7,5	80	7150203
SIHF-J	3x0,75	21,6	6,6	64	7150300
SIHF-J	3x1	29,0	6,8	79	7150301
SIHF-J	3x1,5	43,0	8,0	98	7150302
SIHF-J	3x2,5	72,0	9,7	152	7150303
SIHF-J	4x0,75	29,0	7,8	84	7150400
SIHF-J	4x1	38,0	8,0	95	7150401
SIHF-J	4x1,5	58,0	8,8	122	7150402
SIHF-J	4x2,5	96,0	10,6	189	7150403
SIHF-J	4x4	154,0	13,1	295	7150404
SIHF-J	4x6	230,0	15,2	442	7150406
SIHF-J	4x10	385,0	20,0	707	7150410
SIHF-J	4x16	615,0	24,3	987	7150416
SIHF-J	4x25	960,0	27,7	1557	7150425
SIHF-J	4x35	1344,0	30,5	2025	7150435
SIHF-J	5x0,75	36,0	8,5	101	7150500
SIHF-J	5x1	48,0	8,8	116	7150501
SIHF-J	5x1,5	72,0	9,6	148	7150502
SIHF-J	5x2,5	120,0	11,6	229	7150503
SIHF-J	5x4	192,0	14,4	359	7150504
SIHF-J	5x6	288,0	17,7	535	7150506
SIHF-J	7x0,75	50,0	9,2	125	7150700
SIHF-J	7x1	67,0	9,5	144	7150701
SIHF-J	7x1,5	100,8	10,4	202	7150702
SIHF-J	7x2,5	168,0	12,6	293	7150703
SIHF-J	10x1,5	144,0	13,6	283	7151002
SIHF-J	12x1,5	173,0	14,6	320	7151202
SIHF-J	16x1,5	231,0	16,2	446	7151602
SIHF-J	18x1,5	260,0	16,8	478	7151802
SIHF-J	20x1,5	288,0	17,5	566	7152002
SIHF-J	24x1,5	346,0	19,8	722	7152402