

# SILFLEX® SiHF

## High Temperature Silicone Control Cable



SILFLEX® SiHF is a multi-conductor, silicone insulated control cable with a red silicone jacket. Silicone cables are recommended for use where high temperatures rapidly cause other cables to deteriorate. Recommended

applications include foundries, steel mills, glass factories and other high temperature processes. SILFLEX® SiHF is halogen free and flame retardant.

### SILFLEX® SiHF Construction:

Finely stranded tinned copper conductors; silicone insulation; dry lubricant; red silicone jacket.



Cable Attributes							
	OR-02		FR-01		FL-01		MP-01

### Technical Data:

- Minimum Bending Radius for installation: 4 x cable diameter
- Temperature Range: -50°C to +180°C
- Working Voltage: 300/500V
- Test Voltage: 2000V
- Conductor Stranding: Fine Wire per VDE 0295, Class 5
- Color Code: up to 5 conductors- VDE 0293-308, Chart 6, Page 674  
6 or more conductors- Black with white numbers plus a green/yellow ground
- Based on VDE specifications
- Conforms to CE Low Voltage Directive

Old Part Number	New Part Number*	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft	kg/km	Old Part Number	New Part Number*	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft	kg/km
18 AWG (32/32) 1.00 mm <sup>2</sup>							12 AWG (56/28) 4 mm <sup>2</sup>						
46007	46007	2	.260	6.6	40	60	46021	00460213	4	.417	10.6	127	189
46008	46008	3	.276	7.0	53	78	46022	00460223	5	.457	11.6	154	229
46009	00460093	4	.311	7.9	63	95	46023	46023	6	.496	12.6	180	269
46010	00460103	5	.346	8.8	78	116	46024	46024	7	.496	12.6	197	293
46011	46011	6	.374	9.5	90	135	46025	46025	2	.425	10.8	122	181
46012	46012	7	.374	9.5	97	144	46026	46026	3	.453	11.5	151	224
16 AWG (30/30) 1.50 mm <sup>2</sup>							10 AWG (84/28) 6 mm <sup>2</sup>						
46013	46013	2	.299	7.6	55	82	46027	00460273	4	.496	12.6	198	295
46014	46014	3	.315	8.0	66	98	46028	00460283	5	.551	14.0	241	359
46015	00460153	4	.346	8.8	82	122	46030	46030	7	.614	15.6	323	480
46016	00460163	5	.378	9.6	99	148	8 AWG (80/26) 10 mm <sup>2</sup>						
46017	46017	6	.409	10.4	117	173	46031	46031	2	.488	12.4	184	274
46018	46018	7	.409	10.4	126	187	46032	46032	3	.520	13.2	227	338
46039	46039	12	.551	14.0	212	315	46033	00460333	4	.579	14.7	297	442
46040	46040	16	.638	16.2	300	446	46034	00460343	5	.654	16.6	359	535
46041	46041	20	.689	17.5	380	566	46036	46036	7	.732	18.6	461	686
46042	46042	24	.780	19.8	485	722	6 AWG (128/26) 16 mm <sup>2</sup>						
14 AWG (50/30) 2.50 mm <sup>2</sup>							46037	00460373	4	.764	19.4	475	707
46019	46019	2	.346	8.8	91	135	46045	00460353	5	.850	21.6	582	867
46020	46020	3	.382	9.7	102	152	46038	00460383	4	.866	22.0	664	988

\* New part number reflects revised color code per DIN VDE 0293-308