

# OLFLEX® HEAT 180 SiHF



(Formerly SILFLEX® SiHF)

High Temperature Silicone Control Cable

OLFLEX® HEAT 180 SiHF is a high temperature silicone cable with a European color code. It has a temperature rating of 180°C and is halogen-free.

**Application Advantage:**

- Rated for 180°C and can handle rapid increases in heat
- Excellent low temperature of -50°C
- Red halogen-free jacket
- Fine stranding for great flexibility

**Recommended Applications:**

Foundries, Steel mills, Glass factories, Furnaces, Commercial baking equipment and other high temperature applications

**OLFLEX® HEAT 180 SiHF Construction:**

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



**Cable Attributes, See Page 653**

Oil Resistance: OR-02	Flame Resistance: FR-01
Motion Type: FL-01	Mechanical Properties: MP-01

**Availability:**

Standard put-ups are 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.

**Complete the installation with:**

SKINTOP® Strain Relief: Page 486	EPIC® Connectors: Page 251
OLFLEX® Tubing: Page 546	High Temp. Strain Relief: Page 509

**Technical Data:**

- |   |   |
|---|---|
| Minimum Bending Radius for installation: 4 x cable diameter | Conductor Stranding: Fine Wire per VDE 0295, Class 5 IEC 60228 Cl.5   |
| Temperature Range: -50°C to +180°C                          | Color Code: VDE 0293-308, Chart 6, Page 673<br>- up to 5 conductors- Black with white numbers plus a green/yellow ground<br>- 6 or more conductors- |
| Working Voltage: 300/500V                                   | Approvals: Based on VDE specifications  |
| Test Voltage: 2000V   |   |

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	kg/km	Approx. Weight lbs/mft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	kg/km	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>							
0046007	2	.260	6.6	13	40	60	60	00460213	4	.417	10.6	65	127	189	189
0046008	3	.276	7.0	19	53	78	78	00460223	5	.457	11.6	81	154	229	229
00460093	4	.311	7.9	26	63	95	95	0046023	6	.496	12.6	97	180	269	269
00460103	5	.346	8.8	32	78	116	116	0046024	7	.496	12.6	113	197	293	293
0046011	6	.374	9.5	39	90	135	135	0046025	2	.425	10.8	52	122	181	181
0046012	7	.374	9.5	45	97	144	144	0046026	3	.453	11.5	77	151	224	224
16 AWG (30/30) 1.50 mm <sup>2</sup>								10 AWG (84/28) 6 mm <sup>2</sup>							
0046013	2	.299	7.6	19	55	82	82	00460273	4	.496	12.6	103	198	295	295
0046014	3	.315	8.0	29	66	98	98	00460283	5	.551	14.0	129	241	359	359
00460153	4	.346	8.8	39	82	122	122	0046030	7	.614	15.6	181	323	480	480
00460163	5	.378	9.6	48	99	148	148	8 AWG (80/26) 10 mm <sup>2</sup>							
0046017	6	.409	10.4	58	117	173	173	0046031	2	.488	12.4	78	184	274	274
0046018	7	.409	10.4	68	126	187	187	0046032	3	.520	13.2	116	227	338	338
0046039	12	.551	14.0	116	212	315	315	00460333	4	.579	14.7	155	297	442	442
0046040	16	.638	16.2	155	300	446	446	00460343	5	.654	16.6	194	359	535	535
0046041	20	.689	17.5	194	380	566	566	0046036	7	.732	18.6	271	461	686	686
0046042	24	.780	19.8	232	485	722	722	6 AWG (128/26) 16 mm <sup>2</sup>							
14 AWG (50/30) 2.50 mm <sup>2</sup>								00460373	4	.764	19.4	258	475	707	707
0046019	2	.346	8.8	32	91	135	135	00460453	5	.850	21.6	323	582	867	867
0046020	3	.382	9.7	48	102	152	152	00460383	4	.866	22.0	413	664	988	988