

OLFLEX® HEAT 180 GLS



(Formerly SILFLEX® SiHF/GLS)

High Temperature Silicone Control Cable with Protective Steel Braid

OLFLEX® HEAT 180 GLS is a high temperature silicone cable with a galvanized steel braid for mechanical protection. It has a temperature rating of 180°C and is halogen-free.

Recommended Applications:

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

Application Advantage:

- Rated for 180°C and can handle rapid increases in heat
- Excellent low temperature of -50°C
- Galvanized steel braid for mechanical protection
- Better flexibility vs. Teflon® cables

OLFLEX® HEAT 180 GLS Construction:

Finely stranded tinned copper conductors; silicone insulation; silicone jacket; glass fiber wrap; galvanized steel wire braid



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		SKINTOP® MS: Page 486

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:	- up to 5 conductors- VDE 0293-308, Chart 6, Page 673 - 6 or more conductors- Black with white numbers plus a green/yellow ground
Working Voltage:	300/500V	Approvals:	Based on VDE specifications

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km
18 AWG (32/32) 1.00 mm²							12 AWG (56/28) 4 mm²						
0046207	2	.315	8.0	13	66	98	0046226	3	.504	12.8	77	209	311
0046208	3	.339	8.6	19	82	122	00462273	4	.575	14.6	103	258	384
00462093	4	.366	9.3	26	95	142	00462283	5	.630	16.0	129	305	454
00462103	5	.398	10.1	32	112	167	10 AWG (84/28) 6 mm²						
0046211	6	.425	10.8	39	126	188	0046230	3	.622	15.8	116	290	432
0046212	7	.425	10.8	45	133	198	00462313	4	.701	17.8	155	365	544
16 AWG (30/30) 1.50 mm²							00462323	5	.764	19.4	194	440	656
0046213	2	.366	9.3	19	86	127	8 AWG (80/26) 10 mm²						
0046214	3	.386	9.8	29	98	145	00462343	4	.858	21.8	258	622	925
00462153	4	.425	10.8	39	116	173	6 AWG (128/26) 16 mm²						
00462163	5	.461	11.7	48	136	202	00462353	4	1.024	26.0	413	830	1235
0046217	6	.492	12.5	58	162	240							
0046218	7	.492	12.5	68	164	244							
0046237	12	.646	16.4	116	220	328							
14 AWG (50/30) 2.50 mm²													
0046219	2	.425	10.8	32	126	187							
0046220	3	.441	11.2	48	138	205							
00462213	4	.492	12.5	65	187	278							
00462223	5	.543	13.8	81	217	323							
0046224	7	.583	14.8	113	256	380							

Teflon® is a registered trademark of DuPont.