

OLFLEX® HEAT 180

(Formerly SILFLEX® UL/CSA)

High Temperature Silicone Control Cable with UL/CSA



OLFLEX® HEAT 180 is a high temperature silicone cable with UL & CSA AWM approval. It has a temperature rating of 180°C and is halogen-free.

Recommended Applications:

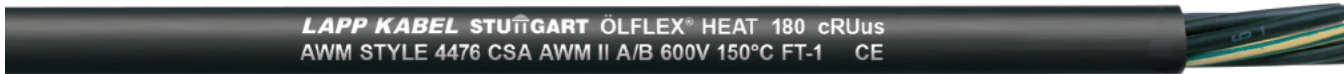
Foundries, Steel mills, Glass factories, Furnaces, Commercial Baking equipment and other high temperature applications

Application Advantage:

- Rated for 180°C and can handle rapid increases in heat
- Excellent low temperature of -50°C
- Passes FT-1 vertical flame test
- Black UV resistant jacket

OLFLEX® HEAT 180 Construction:

Finely stranded tinned copper conductors; silicone insulation, black silicone jacket



Cable Attributes, See Page 653 Oil Resistance: OR-02 Motion Type: FL-01 Flame Resistance: FR-02 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 OLFLEX® Tubing: Page 546 EPIC® Connectors: Page 251 High Temp. Strain Relief: Page 509
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Minimums may apply.

Technical Data:

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| Minimum Bending Radius for installation: 4 x cable diameter | Conductor Stranding: Fine Wire per VDE 0295, Class 5 IEC 60228 Cl.5 |
| Temperature Range:
- UL/CSA: -50°C to +150°C
- VDE: -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: 600V | Approvals: UL - AWM Style 4476/ 3529
CSA - AWM II A/B FT1 |
| Test Voltage: 2000V | |

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
20 AWG (16/32) 0.50 mm ²							14 AWG (50/30) 2.50 mm ²						
0046600	2	.299	7.6	7	45	72	0046623	12	.650	16.5	116	272	437
0046601	3	.315	8.0	10	52	83	0046624	16	.717	18.2	155	342	550
00466023	4	.343	8.7	13	62	99	0046625	18	.756	19.2	174	381	613
00466033	5	.370	9.4	16	74	119	0046626	25	.921	23.4	242	562	904
0046604	7	.402	10.2	23	88	142	0046628	2	.386	9.8	32	91	146
0046605	12	.531	13.5	49	155	249	0046629	3	.413	10.5	48	111	178
18 AWG (32/32) 1.00 mm ²							12 AWG (56/28) 4 mm ²						
0046612	2	.331	8.4	13	58	93	00466303	4	.449	11.4	65	137	220
0046613	3	.350	8.9	19	68	110	00466313	5	.492	12.5	81	167	269
00466143	4	.378	9.6	26	83	133	0046633	3	.465	11.8	77	165	246
00466153	5	.417	10.6	32	99	160	00466343	4	.508	12.9	103	206	307
0046616	7	.449	11.4	45	121	195	00466353	5	.571	14.5	129	261	389
0046617	12	.598	15.2	77	214	345	10 AWG (84/28) 6 mm ²						
16 AWG (30/30) 1.50 mm ²							0046636	3	.598	15.2	116	246	396
0046618	2	.354	9.0	19	70	113	00466373	4	.661	16.8	155	308	495
0046619	3	.374	9.5	29	84	135	00466383	5	.724	18.4	194	378	608
00466203	4	.409	10.4	39	103	165	8 AWG (80/26) 10 mm ²						
00466213	5	.449	11.4	48	124	200	00466393	4	.791	20.1	258	462	744
0046622	7	.484	12.3	68	153	246	00466403	5	.874	22.2	323	570	918