# **OLFLEX® HEAT 180 H05SS-F EWKF**



(Formerly SILFLEX® H05SS-F EWKF)

High Temperature, Tear Resistant, Silicone Control Cable

OLFLEX® HEAT 180 H05SS-F EWKF is a high temperature, tear resistant silicone cable with <HAR> approval. It has a temperature rating of 180°C, is halogen-free and is designed for high temperature and mechanical abuse that can cause other cables to deteriorate.

# **Recommended Applications:**

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

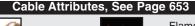
#### **Application Advantage:**

- Rated for 180°C and can handle rapid increases in heat
- Tear resistant jacket
- Excellent low temperature of -50°C
- Black halogen-free and UV resistant iacket
- Better flexibility vs. Teflon® cables

#### **OLFLEX® HEAT 180 H05SS-F EWKF Construction:**

Finely stranded tinned copper conductors; silicone insulation; dry lubricant; black tear resistant silicone jacket.







Oil Resistance: OR-02

Motion Type:

FL-01



Flame Resistance: FR-01

Mechanical Properties: MP-01

### Availability:



#### Complete the installation with:

**OLFLEX®** 

Tubing:

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EPIC® Connectors: Page 251

**\*\*** 



= initial tear resistance

W = continuing tear resistance

K = notch resistance

F = flexibility

#### = initial tear resistance

# **Technical Data:**

Minimum Bending Radius

for installation:

4 x cable diameter

Conductor Stranding: Fine Wire per VDE 0295, Class 5

IEC 60228 CI.5

Temperature Range: -50°C to +180°C

+180°C Color Code:

VDE 0293-308, Chart 6, Page 673

Working Voltage: 300/500V

Test Voltage: 2000V Approvals: Based on VDE specifications

Part Number	Number of Conductors	Nominal Outer Diameter		Copper Weight	Approx. Weight		Part Number	Number of Conductors	Nominal Outer Diameter		Copper Weight	Approx. Weight	
	includes ground	inches	mm	lbs/mft	lbs/mft	kg/km		includes ground	inches	mm	lbs/mft	lbs/mft	kg/km
18 AWG (32/32) 1.00 mm <sup>2</sup>							14 AWG (50/30) 2.50 mm <sup>2</sup>						
0046904	2	.268	6.8	13	42	63	0046912	2	.386	9.8	32	95	141
0046905	3	.283	7.2	19	54	81	0046913	3	.409	10.4	48	106	158
00469063	4	.311	7.9	26	65	98	00469143	4	.457	11.6	65	131	195
00469073	5	.346	8.8	32	81	121	00469153	5	.508	12.9	81	162	241
16 AWG (30/30) 1.50 mm <sup>2</sup>							12 AWG (56/28) 4 mm <sup>2</sup>						
0046908	2	.331	8.4	19	56	84	0046916	3	.484	12.3	77	161	239
0046909	3	.350	8.9	29	69	103	00469173	4	.539	13.7	103	210	312
00469103	4	.390	9.9	39	86	128	10 AWG (84/28						
00469113	5	.429	10.9	48	103	154	0046919	3	.551	14.0	116	232	345
							00469203	4	.614	15.6	155	303	451

Telflon® is a registered trademark of DuPont.