

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 jacket
- 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.



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

- E = initial tear resistance
- W = continuing tear resistance
- K = notch resistance
- F = flexibility

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
	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	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							14 AWG (50/30) 2.50 mm²						
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 mm²							12 AWG (56/28) 4 mm²						
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) 6 mm²						
00469113	5	.429	10.9	48	103	154	0046919	3	.551	14.0	116	232	345
							00469203	4	.614	15.6	155	303	451

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