

ÖLFLEX® HEAT 180 H05SS-F EWKF

High temperature tear-resistant silicone control cable

LAPP KABEL STUTTGART ÖLFLEX® HEAT 180 H05SS-F EWKF

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

Recommended applications

Foundries; steel mills; glass factories; furnaces; commercial baking equipment; other high-temperature applications with mechanical abuse

Approvals



Cable attributes		page 648	
OIL	OR-02	FLAME	FR-01
MOTION	FL-01	MECH.	MP-01

Construction

Conductors: finely stranded tinned copper

Insulation: silicone

Jacket: silicone; black

Application advantage

- Rated for use up to 180°C and can handle rapid increases in temperature
- Tear-resistant jacket
- Excellent low temperature rating of -50°C
- Halogen-free and UV resistant

Complete the installation



SKINDICHT® CN
page 530



EPIC®
connectors
page 284

Technical data

Minimum bend radius:	4 x cable diameter	Conductor stranding:	Class 5 fine wire
Temperature range:	-50°C to +180°C	Color code:	VDE 0293-308: chart 6, page 681
Nominal voltage:	300/500V	Approvals:	<HAR> H05SS-F CE & RoHS
Test voltage:	2000V		

Part number	Number of conductors incl. ground*	Nominal outer diameter		Copper weight	Approx. weight	SKINDICHT® CN
		in	mm	lbs/mft	lbs/mft	PG thread
18 AWG (1 mm²)						
0046904	2	0.268	6.8	13	42	52032520
0046905	3	0.284	7.2	20	54	52032520
00469063	4	0.311	7.9	26	66	52032520
00469073	5	0.347	8.8	33	81	52032520
16 AWG (1.5 mm²)						
0046908	2	0.331	8.4	20	56	52032520
0046909	3	0.351	8.9	29	69	52032520
00469103	4	0.390	9.9	39	86	52032525
00469113	5	0.429	10.9	49	103	52032525

* 2c cable does not include ground

Part number	Number of conductors incl. ground*	Nominal outer diameter		Copper weight	Approx. weight	SKINDICHT® CN
		in	mm	lbs/mft	lbs/mft	PG thread
14 AWG (2.5 mm²)						
0046912	2	0.386	9.8	33	95	52032525
0046913	3	0.410	10.4	49	106	52032525
00469143	4	0.457	11.6	65	131	52032540
00469153	5	0.508	12.9	81	162	52032540
12 AWG (4 mm²)						
0046916	3	0.485	12.3	78	161	52032540
00469173	4	0.540	13.7	104	210	52032540
10 AWG (6 mm²)						
0046919	3	0.552	14.0	117	232	52032560
00469203	4	0.615	15.6	155	303	52032560

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section.
If not otherwise specified, all values relating to the product are nominal values.
Photographs are not to scale and are not true representations of the products in question.