

# ÖLFLEX® CRANE F

Flat festoon weather-proof rubber cable



ÖLFLEX® CRANE F is a flexible oil-resistant festoon, power, and control cable. The flat design allows space-saving installation and a smaller bending radius.

## Recommended applications

Overhead crane & material handling systems; shipyards; waste water treatment plants; steel mills; high rack warehouses; indoor and outdoor use

## Approvals



Cable attributes page 648

OIL	OR-01	FLAME	FR-02
MOTION	FL-02	MECH.	MP-01

## Construction

- Conductors: stranded bare copper
- Insulation: rubber
- Jacket: rubber compound; black

## Application advantage

- Weather- and UV-resistant jacket for extreme environmental conditions
- Flame-retardant jacket
- May be used in continuous flex applications over a wide temperature range
- Flat construction allows cables to be stacked for a space-saving installation

Complete the installation



SKINDICHT® SVF  
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EPIC® connectors  
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## Technical data

- Minimum bend radius:** 10 x cable height
- Temperature range:**  
- for flexible use: -25°C to +90°C
- Nominal voltage:** 300/500V
- Test voltage:** 3000V

- Conductor stranding:**  
- 16 - 4 AWG: Class 6 fine wire  
- 2 AWG & larger: Class 5 fine wire
- Color code:**  
- up to 5c: VDE 0293-308: chart 6, page 681  
- 6c & higher: black with white numbers, plus green/yellow ground
- Approvals:** based on VDE 0250 (NGFLGÖU)  
CE & RoHS

Part number	Number of conductors incl. ground	Nominal outer diameter (height x width)		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® SVF PG thread
		in	mm			
<b>16 AWG (1.5 mm²)</b>						
0041041	4	0.244 x 0.690	6.2 x 17.5	39	134	52005490
0041042	5	0.244 x 0.847	6.2 x 21.5	48	161	52005500
0041043	7	0.244 x 1.143	6.2 x 29.0	68	242	52005500
0041044	8	0.244 x 1.241	6.2 x 31.5	77	249	52005510
0041045	10	0.256 x 1.576	6.5 x 40.0	97	349	52005510
0041046	12	0.256 x 1.852	6.5 x 47.0	116	417	52005530
<b>14 AWG (2.5 mm²)</b>						
0041047	4	0.296 x 0.827	7.5 x 21.0	65	188	52005490
0041048	5	0.296 x 1.064	7.5 x 27.0	81	269	52005500
0041049	7	0.296 x 1.379	7.5 x 35.0	113	349	52005510
0041050	8	0.296 x 1.537	7.5 x 39.0	129	370	52005510
0041051	12	0.315 x 2.206	8.0 x 56.0	194	538	—
<b>12 AWG (4 mm²)</b>						
0041052	4	0.355 x 1.024	9.0 x 26.0	103	276	52005500
0041053	7	0.355 x 1.655	9.0 x 42.0	181	470	52005520
<b>10 AWG (6 mm²)</b>						
0041054	4	0.374 x 1.143	9.5 x 29.0	155	403	52005500
0041055	5	0.374 x 1.379	9.5 x 35.0	194	437	52005510
0041056	7	0.374 x 1.655	9.5 x 42.0	271	571	52005520

Part number	Number of conductors incl. ground	Nominal outer diameter (height x width)		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® SVF PG thread
		in	mm			
<b>8 AWG (10 mm²)</b>						
0041057	4	0.433 x 1.300	11.0 x 33.0	258	538	52005510
0041058	5	0.433 x 1.734	11.0 x 44.0	323	672	52005520
<b>6 AWG (16 mm²)</b>						
0041059	4	0.512 x 1.497	13.0 x 38.0	413	773	—
<b>4 AWG (25 mm²)</b>						
0041060	4	0.591 x 1.950	15.0 x 49.5	645	1142	—
<b>2 AWG (35 mm²)</b>						
0041061	4	0.670 x 2.167	17.0 x 55.0	903	1478	—
<b>1/0 AWG (50 mm²)</b>						
0041062	4	0.749 x 2.482	19.0 x 63.0	1290	2016	—
<b>2/0 AWG (70 mm²)</b>						
0041063	4	0.867 x 2.797	22.0 x 71.0	1806	2688	—



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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.