

ÖLFLEX® CRANE PUR

Reelable PUR cable for low, medium & high mechanical stress

LAPP KABEL STUTTGART ÖLFLEX® CRANE PUR

LAPP KABEL STUTTGART ÖLFLEX® CRANE PUR

ÖLFLEX® CRANE PUR is a halogen-free pendant cable with a PUR jacket. It is designed with a smaller outer diameter to save space and weight. The central supporting element absorbs tensile loads, allowing reeling, unreeling, and deflection for free-hanging cables, even over large distances. The integrated support braid prevents undesirable cable twists and corkscrews.

Recommended applications

Hoists; transport and conveyor systems; reeling/unreeling guided by roller trains; dry or damp interiors, outdoors, or in industrial water

Cable attributes		page 648	
 OIL	OR-05	 FLAME	FR-02
 MOTION	FL-02	 MECH.	MP-05

Construction

Conductors: stranded bare copper wire

Insulation: TPE compound

Jacket: polyurethane with integrated support element; yellow

Application advantage

- Cost-saving due to use of smaller drums, guide rollers, and drive engines
- Good oil, chemical, thermal & mechanical resistance
- Halogen-free and flame retardant

Approvals



Complete the installation



SKINTOP® strain relief
page 492



EPIC® connectors
page 284

Technical data

 **Minimum bend radius:** 7.5 x cable diameter

 **Temperature range:**
- for flexible use: -40°C to +80°C

 **Nominal voltage:** 600/1000V

 **Test voltage:** 4000V

 **Conductor stranding:** Class 6 super 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:** CE & RoHS

Part number	Number of conductors incl. ground	Nominal outer diameter		Tension	Copper weight	Approx. weight	SKINTOP® MS
		in	mm	lbs	lbs/mft	lbs/mft	PG thread
16 AWG (1.5 mm²)							
0045207	4	0.429	10.9	112	39	114	52015730
0045209	5	0.457	11.6	225	48	132	52015730
0045210	7	0.508	12.9	562	68	161	52015740
0045211	12	0.693	17.6	562	116	269	52015760
0045212	18	0.689	17.5	562	174	341	52015760
0045213	24	0.815	20.7	562	232	452	52015760
0045215	30	1.280	32.5	674	290	1028	52015833
0045214	36	1.236	31.4	674	348	679	52015833
14 AWG (2.5 mm²)							
0045216	4	0.480	12.2	112	65	153	52015740
0045218	5	0.520	13.2	450	81	184	52015740
0045220	7	0.606	15.4	674	113	241	52015750
0045221	12	0.850	21.6	674	194	416	52015760
0045222	18	0.846	21.5	674	290	533	52015760
0045223	24	1.004	25.5	674	387	755	52015765
0045224	30	1.366	34.7	674	484	1103	52015833

Part number	Number of conductors incl. ground	Nominal outer diameter		Tension	Copper weight	Approx. weight	SKINTOP® MS PG thread
		in	mm	lbs	lbs/mft	lbs/mft	
12 AWG (4 mm²)							
0045225	4	0.563	14.3	225	103	229	52015750
0045227	5	0.610	15.5	450	129	276	52015750
10 AWG (6 mm²)							
0045228	4	0.654	16.6	337	155	307	52015750
0045229	5	0.697	17.7	450	194	362	52015760
8 AWG (10 mm²)							
0045230	4	0.756	19.2	450	258	453	52015760
0045237	5	0.850	21.6	562	323	554	52015760
6 AWG (16 mm²)							
0045231	4	0.874	22.2	562	413	649	52015760
0045238	5	1.008	25.6	787	516	821	52015765
4 AWG (25 mm²)							
0045232	4	1.087	27.6	787	645	1012	52015765
2 AWG (35 mm²)							
0045233	4	1.220	31.0	1012	903	1347	52015833
1 AWG (50 mm²)							
0045234	4	1.421	36.1	1349	1290	1907	52015766

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.