

## ÖLFLEX® SPIRAL 400 P

Retractable control cable with PUR jacket



ÖLFLEX® SPIRAL 400 P is a retractable multi-conductor control cable with a rugged abrasion-resistant polyurethane jacket and an extension capability of up to 3 times its retracted length.

### Construction

- Conductors:** finely stranded bare copper
- Insulation:** PVC; dry lubricant
- Jacket:** specially formulated polyurethane; gray

### Recommended applications

Machine tool manufacturing; cranes and hoists

### Application advantage

- Excellent resistance to mineral oils and cutting fluids
- Highly resistant to mechanical abuse typically found in industrial applications
- Special spiral designs are available, see page 151

### Approvals



Cable attributes page 648

OIL	OR-05	FLAME	FR-02
MOTION	FL-02	MECH.	MP-05

Complete the installation

	SKINTOP® strain relief page 492		EPIC® connectors page 284
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### Technical data

<b>Length &amp; type of tails:</b>	8 in (200 mm), tangential 24 in (600 mm), tangential	<b>Conductor stranding:</b>	Class 5 fine wire
<b>Temperature range:</b>	+5 °C to +50 °C	<b>Color code:</b>	black with white numbers, plus green/yellow ground
<b>Nominal voltage:</b>	300/500V	<b>Approvals:</b>	CE & RoHS
<b>Test voltage:</b>	3000V		

ÖLFLEX® SPIRAL 400 P

Part number	Number of conductors* incl. ground	Nominal outer diameter		Nominal spiral outer diameter		Extended spiral length		Retracted spiral length		Copper weight lbs/100 pcs.	Approx. weight lbs/100 pcs.	SKINTOP® SL PG thread
		in	mm	in	mm	in	mm	in	mm			
<b>18 AWG (1 mm<sup>2</sup>)</b>												
70002646	2	0.224	5.7	0.788	20	59	1500	20	500	20	48	S1107
70002647	2	0.224	5.7	0.788	20	118	3000	39	1000	36	88	S1107
70002648	2	0.224	5.7	0.788	20	177	4500	59	1500	51	121	S1107
70002649	2	0.224	5.7	0.788	20	236	6000	79	2000	61	158	S1107
70002651	3	0.236	6.0	0.827	21	59	1500	20	500	29	58	S1109
70002652	3	0.236	6.0	0.827	21	118	3000	39	1000	54	109	S1109
70002653	3	0.236	6.0	0.827	21	177	4500	59	1500	78	156	S1109
70002654	3	0.236	6.0	0.827	21	236	6000	79	2000	93	196	S1109
70002656	4	0.256	6.5	0.946	24	59	1500	20	500	39	76	S1109
70002657	4	0.256	6.5	0.946	24	118	3000	39	1000	72	134	S1109
70002658	4	0.256	6.5	0.946	24	177	4500	59	1500	111	190	S1109
70002659	4	0.256	6.5	0.946	24	236	6000	79	2000	130	257	S1109
70002661	5	0.280	7.1	0.985	25	59	1500	20	500	49	84	S1111
70002662	5	0.280	7.1	0.985	25	118	3000	39	1000	90	145	S1111
70002663	5	0.280	7.1	0.985	25	177	4500	59	1500	133	212	S1111
70002664	5	0.280	7.1	0.985	25	236	6000	79	2000	165	301	S1111
70002666	7	0.315	8.0	1.182	30	49	1250	20	500	73	119	S1111
70002667	7	0.315	8.0	1.182	30	98	2500	39	1000	125	213	S1111
70002668	7	0.315	8.0	1.182	30	148	3750	59	1500	170	320	S1111
70002669	7	0.315	8.0	1.182	30	197	5000	79	2000	260	408	S1111
70002670	12	0.414	10.5	1.4578	37	59.1	1500	19.7	500	132	215	S1113
70002671	12	0.414	10.5	1.4578	37	118.2	3000	39.4	1000	223	372	S1113
70002672	18	0.500	12.7	1.773	45	59.1	1500	19.7	500	196	287	S1116
70002673	18	0.500	12.7	1.773	45	118.2	3000	39.4	1000	309	548	S1116
<b>16 AWG (1.5 mm<sup>2</sup>)</b>												
70002681	2	0.248	6.3	0.906	23	59	1500	20	500	32	65	S1109
70002682	2	0.248	6.3	0.906	23	118	3000	39	1000	59	119	S1109
70002683	2	0.248	6.3	0.906	23	177	4500	59	1500	84	165	S1109
70002684	2	0.248	6.3	0.906	23	236	6000	79	2000	109	229	S1109
70002687	3	0.264	6.7	0.946	24	59	1500	20	500	47	82	S1109
70002688	3	0.264	6.7	0.946	24	118	3000	39	1000	81	143	S1109
70002689	3	0.264	6.7	0.946	24	177	4500	59	1500	110	207	S1109
70002690	3	0.264	6.7	0.946	24	236	6000	79	2000	147	280	S1109
70002699	5	0.319	8.1	1.182	30	49	1250	20	500	75	119	S1111
70002700	5	0.319	8.1	1.182	30	98	2500	39	1000	132	213	S1111
70002701	5	0.319	8.1	1.182	30	148	3750	59	1500	191	311	S1111
70002702	5	0.319	8.1	1.182	30	197	5000	79	2000	259	432	S1111
70002705	7	0.350	8.9	1.221	31	49	1250	20	500	101	143	S1111
70002706	7	0.350	8.9	1.221	31	98	2500	39	1000	179	253	S1111
70002707	7	0.350	8.9	1.221	31	148	3750	59	1500	245	394	S1111
70002708	7	0.350	8.9	1.221	31	197	5000	79	2000	332	489	S1111
70002709	12	0.473	12	1.8124	46	59.1	1500	19.7	500	214	284	S1113
70002710	12	0.473	12	1.8124	46	118.2	3000	39.4	1000	366	529	S1113
70002711	18	0.528	13.4	2.0488	52	59.1	1500	19.7	500	278	432	S1116
70002712	18	0.528	13.4	2.0488	52	118.2	3000	39.4	1000	499	740	S1116
<b>14 AWG (2.5 mm<sup>2</sup>)</b>												
70002716	3	0.319	8.1	1.123	29	49	1250	20	500	75	120	S1111
70002717	3	0.319	8.1	1.123	29	98	2500	39	1000	142	264	S1111
70002718	3	0.319	8.1	1.123	29	148	3750	59	1500	196	322	S1111
70002719	3	0.319	8.1	1.123	29	197	5000	79	2000	237	429	S1111
70002721	5	0.394	10.0	1.458	37	49	1250	20	500	138	202	S1113
70002722	5	0.394	10.0	1.458	37	98	2500	39	1000	236	364	S1113
70002723	5	0.394	10.0	1.458	37	148	3750	59	1500	329	540	S1113
70002724	5	0.394	10.0	1.458	37	197	5000	79	2000	437	681	S1113

\* 2c cable does not include ground



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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.

