

Harnessed cables

Spiralized

ÖLFLEX® SPIRAL 400 P



Benefits

- High recoiling forces and extension lengths up to 3 times the unextended spiral length

Application range

- As control and power cables on machines
- Machine builder
- Apparatus engineering

Product features

- Resistant against microbes, hydrolysis and almost all mineral oils
- Highly chemical-resistant to benzols, benzenes and other agents according to Selection Table T1 in the appendix

Approvals (Norm references)



Product Make-up

- Strands of bare copper wires
- Core insulation made of special PVC P8/1
- Special polyurethane outer sheath
- Length of straight ends:
 - 1st end: 200 mm long
 - 2nd end: 600 mm long

Technical data

- Core identification code**
black with white numbers acc. to VDE 0293
- Based on**
Core: VDE 0812/0281
Sheath: VDE 0250/0282
- Specific insulation resistance**
> 20 GOhm x cm
- Conductor stranding**
fine wire acc. to
VDE 0295 Cl.5/ IEC 60228 Cl. 5
- Rated voltage**
U_n/U: 300/500 V
- Test voltage**
3000 V
- Protective conductor**
G = with protective conductor GN/YE
X = without protective conductor
- Range of temperature**
flexible use: +5°C to +50°C

Part number	Number of cores and mm ² per conductor	Spiral length extended in mm max.	Spiral length unextended in mm	Cable diameter, in mm approx.	Spiral outer diameter approx. mm	Copper index kg/1000 pcs.
ÖLFLEX® SPIRAL 400 P						
70002622	2 X 0.75	1,500	500	5.4	19.5	72.29
70002623	2 X 0.75	3,000	1,000	5.4	19.5	129.31
70002624	2 X 0.75	4,500	1,500	5.4	19.5	186.19
70002625	2 X 0.75	6,000	2,000	5.4	19.5	244.51
70002628	3 G 0.75	1,500	500	5.7	20.0	105.84
70002629	3 G 0.75	3,000	1,000	5.7	20.0	188.78
70002630	3 G 0.75	4,500	1,500	5.7	20.0	271.73
70002631	3 G 0.75	6,000	2,000	5.7	20.0	354.89
70002634	4 G 0.75	1,500	500	6.2	21.0	135.94
70002635	4 G 0.75	3,000	1,000	6.2	21.0	241.92
70002636	4 G 0.75	4,500	1,500	6.2	21.0	347.62
70002637	4 G 0.75	6,000	2,000	6.2	21.0	492.00
70002640	5 G 0.75	1,500	500	6.7	24.0	180.00
70002641	5 G 0.75	3,000	1,000	6.7	24.0	320.40
70002642	5 G 0.75	4,500	1,500	6.7	24.0	464.40
70002643	5 G 0.75	6,000	2,000	6.7	24.0	604.80
70002726	7 G 0.75	1,500	500	7.3	27.0	255.00
70002727	7 G 0.75	3,000	1,000	7.3	27.0	534.00
70002728	7 G 0.75	4,500	1,500	7.3	27.0	777.00
70002729	7 G 0.75	6,000	2,000	7.3	27.0	1,019.50
70002731	12 G 0.75	1,500	500	9.9	35.0	491.62
70002732	12 G 0.75	3,000	1,000	9.9	35.0	900.29
70002734	18 G 0.75	1,500	500	11.7	40.0	273.00
70002735	18 G 0.75	3,000	1,000	11.7	40.0	1,490.40
70002646	2 X 1	1,500	500	5.7	20.0	93.31
70002647	2 X 1	3,000	1,000	5.7	20.0	166.46
70002648	2 X 1	4,500	1,500	5.7	20.0	239.42
70002649	2 X 1	6,000	2,000	5.7	20.0	312.58
70002651	3 G 1	1,500	500	6.0	21.0	129.60
70002652	3 G 1	3,000	1,000	6.0	21.0	244.80
70002653	3 G 1	4,500	1,500	6.0	21.0	350.50
70002654	3 G 1	6,000	2,000	6.0	21.0	417.60
70002656	4 G 1	1,500	500	6.5	24.0	192.00
70002657	4 G 1	3,000	1,000	6.5	24.0	349.44
70002658	4 G 1	4,500	1,500	6.5	24.0	503.04
70002659	4 G 1	6,000	2,000	6.5	24.0	656.64
70002661	5 G 1	1,500	500	7.1	25.0	235.20
70002662	5 G 1	3,000	1,000	7.1	25.0	417.60
70002663	5 G 1	4,500	1,500	7.1	25.0	600.00
70002664	5 G 1	6,000	2,000	7.1	25.0	782.40
70002666	7 G 1	1,250	500	8.0	30.0	348.10
70002667	7 G 1	2,500	1,000	8.0	30.0	624.96
70002668	7 G 1	3,750	1,500	8.0	30.0	846.72
70002669	7 G 1	5,000	2,000	8.0	30.0	1,178.69
70002670	12 G 1	1,500	500	10.5	37.0	575.00
70002671	12 G 1	3,000	1,000	10.5	37.0	1,035.00
70002672	18 G 1	1,500	500	12.7	45.0	891.00
70002673	18 G 1	3,000	1,000	12.7	45.0	1,633.50
70002681	2 X 1.5	1,500	500	6.3	23.0	147.90
70002682	2 X 1.5	3,000	1,000	6.3	23.0	266.80
70002683	2 X 1.5	4,500	1,500	6.3	23.0	385.70
70002684	2 X 1.5	6,000	2,000	6.3	23.0	504.60
70002687	3 G 1.5	1,500	500	6.7	24.0	215.00
70002688	3 G 1.5	3,000	1,000	6.7	24.0	382.70
70002689	3 G 1.5	4,500	1,500	6.7	24.0	554.70
70002690	3 G 1.5	6,000	2,000	6.7	24.0	722.40
70002699	5 G 1.5	1,250	500	8.1	30.0	350.64
70002700	5 G 1.5	2,500	1,000	8.1	30.0	633.60
70002701	5 G 1.5	3,750	1,500	8.1	30.0	900.72

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70002702	5 G 1.5	5,000	2,000	8.1	30.0	1,175.76
70002705	7 G 1.5	1,250	500	8.9	31.0	484.80
70002706	7 G 1.5	2,500	1,000	8.9	31.0	858.50
70002707	7 G 1.5	3,750	1,500	8.9	31.0	1,242.30
70002708	7 G 1.5	5,000	2,000	8.9	31.0	1,616.00
70002709	12 G 1.5	1,500	500	12.0	46.0	968.80
70002710	12 G 1.5	3,000	1,000	12.0	46.0	1,747.30
70002711	18 G 1.5	1,500	500	13.4	52.0	1,309.00
70002712	18 G 1.5	3,000	1,000	13.4	52.0	2,380.00
70002716	3 G 2.5	1,250	500	8.1	28.5	360.00
70002717	3 G 2.5	2,500	1,000	8.1	28.5	640.80
70002718	3 G 2.5	3,750	1,500	8.1	28.5	921.60
70002719	3 G 2.5	5,000	2,000	8.1	28.5	1,209.60
70002721	5 G 2.5	1,250	500	10.0	37.0	624.00
70002722	5 G 2.5	2,500	1,000	10.0	37.0	1,140.00
70002723	5 G 2.5	3,750	1,500	10.0	37.0	1,644.00
70002724	5 G 2.5	5,000	2,000	10.0	37.0	2,136.00

Copper price basis: EUR 150 / 100 kg

■ Comparable products

- ÖLFLEX® SPIRAL 540 P see page 220

■ Accessories

- SKINTOP® CLICK / CLICK-R see page 555

