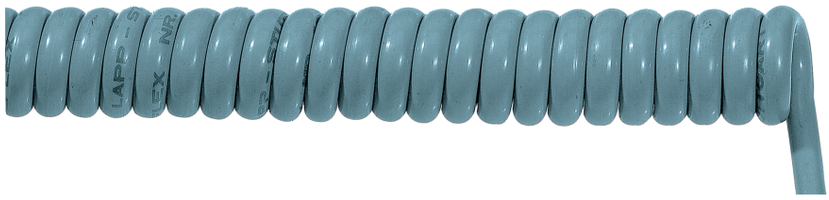
ÖLFLEX® SPIRAL 400 P

PUR spiral cable with increased chemical resistance

Info

- **Higher resistance to benzols, benzines and further substances according to appendix T1**



Benefits

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

Application range

- As control and power cables on machines
- Mechanical engineering
- Apparatus construction

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 Appendix

Approvals (Norm references)

CE RoHS

Design

- Fine-wired core with bare copper strands
- Core insulation: Special PVC P8/1
- Special polyurethane outer sheath
- Length of straight ends:
- First 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 according to VDE 0295 Class 5/ IEC 60228 Class 5

Rated voltage
U_0/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°Cup to +50°C

Part number	Number of cores and mm² 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	64.80
70002623	2 X 0.75	3,000	1,000	5.4	19.5	123.84
70002624	2 X 0.75	4,500	1,500	5.4	19.5	170.64
70002625	2 X 0.75	6,000	2,000	5.4	19.5	234.72
70002628	3 G 0.75	1,500	500	5.7	20.0	101.52
70002629	3 G 0.75	3,000	1,000	5.7	20.0	172.80
70002630	3 G 0.75	4,500	1,500	5.7	20.0	261.36
70002631	3 G 0.75	6,000	2,000	5.7	20.0	326.16
70002634	4 G 0.75	1,500	500	6.2	21.0	123.84
70002635	4 G 0.75	3,000	1,000	6.2	21.0	221.76
70002636	4 G 0.75	4,500	1,500	6.2	21.0	322.56
70002637	4 G 0.75	6,000	2,000	6.2	21.0	453.60
70002640	5 G 0.75	1,500	500	6.7	24.0	154.80
70002641	5 G 0.75	3,000	1,000	6.7	24.0	306.00
70002642	5 G 0.75	4,500	1,500	6.7	24.0	439.20
70002643	5 G 0.75	6,000	2,000	6.7	24.0	594.00
70002726	7 G 0.75	1,500	500	7.3	27.0	245.00
70002727	7 G 0.75	3,000	1,000	7.3	27.0	525.00
70002728	7 G 0.75	4,500	1,500	7.3	27.0	660.00
70002729	7 G 0.75	6,000	2,000	7.3	27.0	1,025.00
70002731	12 G 0.75	1,500	500	9.9	35.0	371.52
70002732	12 G 0.75	3,000	1,000	9.9	35.0	682.56
70002734	18 G 0.75	1,500	500	11.7	40.0	699.84
70002735	18 G 0.75	3,000	1,000	11.7	40.0	1,127.52
70002646	2 X 1	1,500	500	5.7	20.0	88.32
70002647	2 X 1	3,000	1,000	5.7	20.0	161.28
70002648	2 X 1	4,500	1,500	5.7	20.0	230.40
70002649	2 X 1	6,000	2,000	5.7	20.0	272.64
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	176.64
70002657	4 G 1	3,000	1,000	6.5	24.0	322.56
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	587.52
70002661	5 G 1	1,500	500	7.1	25.0	220.80
70002662	5 G 1	3,000	1,000	7.1	25.0	408.00
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	744.00
70002666	7 G 1	1,250	500	8.0	30.0	328.30
70002667	7 G 1	2,500	1,000	8.0	30.0	562.80
70002668	7 G 1	3,750	1,500	8.0	30.0	770.50
70002669	7 G 1	5,000	2,000	8.0	30.0	1,175.18
70002670	12 G 1	1,500	500	10.5	37.0	598.00
70002671	12 G 1	3,000	1,000	10.5	37.0	1,012.00
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	1,402.50
70002681	2 X 1.5	1,500	500	6.3	23.0	142.10
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	379.90
70002684	2 X 1.5	6,000	2,000	6.3	23.0	493.00
70002687	3 G 1.5	1,500	500	6.7	24.0	210.70
70002688	3 G 1.5	3,000	1,000	6.7	24.0	365.50

Copper price basis: EUR 150 / 100 kg; For utilization and definition of ‚Metal price basis' and ‚Metal index' see Appendix T17