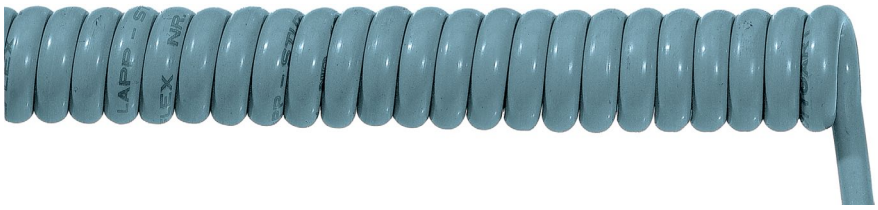
ÖLFLEX® SPIRAL 400 P

PUR spiral cable with increased chemical resistance



Info

- **High resistance to benzols, benzines and other substances listed in Appendix T1**

Benefits

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

Application range

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

Product features

- Resistant to microbes, hydrolysis and almost all mineral oils
- High chemical-resistance to benzols, benzenes and other agents listed in the selection table in Appendix T1

Norm references / Approvals

- Core based on VDE 0812/0285
- Outer sheath based on VDE 0250/0285

Product make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Special PVC P8/1
- Use of talcum
- Outer sheath made of special polyurethane
- Length of straight ends: 1st end = 200 mm, 2nd end = 600 mm
- Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

Technical data

Core identification code
Black with white numbers acc. to VDE 0293-1

Specific insulation resistance
> 20 GOhm x cm

Conductor stranding
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Nominal voltage
U_0/U: 300/500 V

Test voltage
3000 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor

Temperature range
Flexible use: +5 °C to +50 °C

Article number	Number of cores and mm² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)	Copper index kg/1.000 pieces
70002622	2 X 0.75	1,500	500	5.4	19.5	64.8
70002623	2 X 0.75	3,000	1,000	5.4	19.5	123.8
70002624	2 X 0.75	4,500	1,500	5.4	19.5	170.6
70002625	2 X 0.75	6,000	2,000	5.4	19.5	234.7
70002628	3 G 0.75	1,500	500	5.7	20.0	101.5
70002629	3 G 0.75	3,000	1,000	5.7	20.0	172.8
70002630	3 G 0.75	4,500	1,500	5.7	20.0	261.3
70002631	3 G 0.75	6,000	2,000	5.7	20.0	326.1
70002634	4 G 0.75	1,500	500	6.2	21.0	123.8
70002635	4 G 0.75	3,000	1,000	6.2	21.0	221.7
70002636	4 G 0.75	4,500	1,500	6.2	21.0	129.6
70002637	4 G 0.75	6,000	2,000	6.2	21.0	453.6
70002640	5 G 0.75	1,500	500	6.7	24.0	154.8
70002641	5 G 0.75	3,000	1,000	6.7	24.0	306.0
70002642	5 G 0.75	4,500	1,500	6.7	24.0	439.2
70002643	5 G 0.75	6,000	2,000	6.7	24.0	594.0
70002726	7 G 0.75	1,500	500	7.3	27.0	245.0
70002727	7 G 0.75	3,000	1,000	7.3	27.0	525.0
70002728	7 G 0.75	4,500	1,500	7.3	27.0	660.0
70002729	7 G 0.75	6,000	2,000	7.3	27.0	1,025.0
70002731	12 G 0.75	1,500	500	9.9	35.0	371.5
70002732	12 G 0.75	3,000	1,000	9.9	35.0	682.5
70002734	18 G 0.75	1,500	500	11.7	40.0	699.8
70002735	18 G 0.75	3,000	1,000	11.7	40.0	1,127.5
70002646	2 X 1	1,500	500	5.7	20.0	88.3
70002647	2 X 1	3,000	1,000	5.7	20.0	161.2
70002648	2 X 1	4,500	1,500	5.7	20.0	230.4
70002649	2 X 1	6,000	2,000	5.7	20.0	272.6
70002651	3 G 1	1,500	500	6.0	21.0	129.6
70002652	3 G 1	3,000	1,000	6.0	21.0	244.8
70002653	3 G 1	4,500	1,500	6.0	21.0	350.5
70002654	3 G 1	6,000	2,000	6.0	21.0	417.6
70002656	4 G 1	1,500	500	6.5	24.0	176.6
70002657	4 G 1	3,000	1,000	6.5	24.0	322.5
70002658	4 G 1	4,500	1,500	6.5	24.0	503.0
70002659	4 G 1	6,000	2,000	6.5	24.0	587.5
70002661	5 G 1	1,500	500	7.1	25.0	220.8
70002662	5 G 1	3,000	1,000	7.1	25.0	408.0
70002663	5 G 1	4,500	1,500	7.1	25.0	600.0
70002664	5 G 1	6,000	2,000	7.1	25.0	744.0
70002666	7 G 1	1,250	500	8.0	30.0	328.3
70002667	7 G 1	2,500	1,000	8.0	30.0	562.8
70002668	7 G 1	3,750	1,500	8.0	30.0	770.5
70002669	7 G 1	5,000	2,000	8.0	30.0	1,175.1