

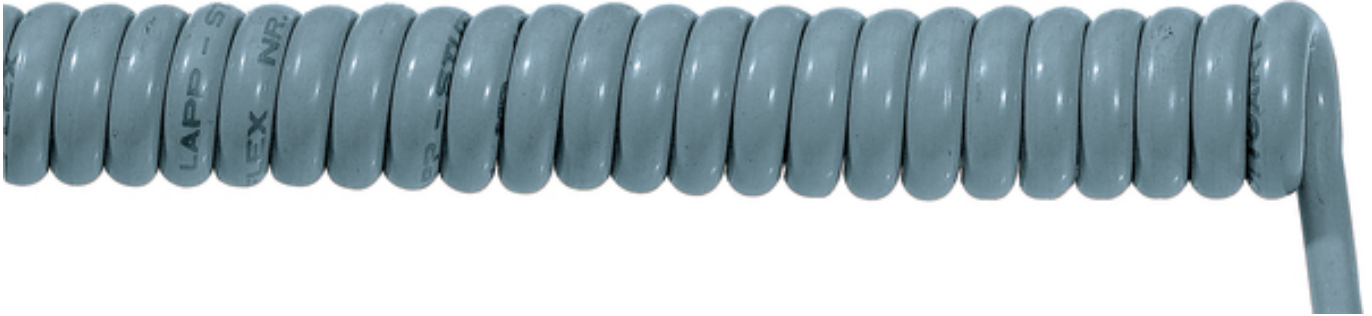
ÖLFLEX® SPIRAL 400 P

PUR spiral cable with increased chemical resistance

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

Increased durability under harsh conditions thanks to robust PUR outer sheath

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media



Good chemical resistance



Oil-resistant

Info

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

Good oil resistance

High mechanical strength

Application range

As control and power cables in machines

Mechanical engineering

Apparatus construction

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

Norm references / Approvals

Core based on VDE 0812/0285

Outer sheath based on VDE 0250/0285

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

Abrasion and notch-resistant

ÖLFLEX® SPIRAL 400 P

Technical Data

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

Note

Unless specified otherwise, the shown product values are nominal values.

Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs are not to scale and do not represent detailed images of the respective products.

Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

**ÖLFLEX® SPIRAL 400 P**

Part number	Number of cores and mm ² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002622	2 X 0,75	1500	500	5.4	19.5
70002623	2 X 0,75	3000	1000	5.4	19.5
70002624	2 X 0,75	4500	1500	5.4	19.5
70002625	2 X 0,75	6000	2000	5.4	19.5
70002628	3 G 0,75	1500	500	5.7	20.0
70002629	3 G 0,75	3000	1000	5.7	20.0
70002630	3 G 0,75	4500	1500	5.7	20.0
70002631	3 G 0,75	6000	2000	5.7	20.0
70002634	4 G 0,75	1500	500	6.2	21.0
70002635	4 G 0,75	3000	1000	6.2	21.0
70002636	4 G 0,75	4500	1500	6.2	21.0
70002637	4 G 0,75	6000	2000	6.2	21.0
70002640	5 G 0,75	1500	500	6.7	24.0
70002641	5 G 0,75	3000	1000	6.7	24.0
70002642	5 G 0,75	4500	1500	6.7	24.0
70002643	5 G 0,75	6000	2000	6.7	24.0
70002726	7 G 0,75	1500	500	7.3	27.0
70002727	7 G 0,75	3000	1000	7.3	27.0
70002728	7 G 0,75	4500	1500	7.3	27.0
70002729	7 G 0,75	6000	2000	7.3	27.0
70002731	12 G 0,75	1500	500	9.9	35.0
70002732	12 G 0,75	3000	1000	9.9	35.0
70002734	18 G 0,75	1500	500	11.7	40.0
70002735	18 G 0,75	3000	1000	11.7	40.0
70002646	2 X 1	1500	500	5.7	20.0
70002647	2 X 1	3000	1000	5.7	20.0
70002648	2 X 1	4500	1500	5.7	20.0
70002649	2 X 1	6000	2000	5.7	20.0
70002651	3 G 1	1500	500	6.0	21.0
70002652	3 G 1	3000	1000	6.0	21.0
70002653	3 G 1	4500	1500	6.0	21.0
70002654	3 G 1	6000	2000	6.0	21.0
70002656	4 G 1	1500	500	6.5	24.0
70002657	4 G 1	3000	1000	6.5	24.0

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Part number	Number of cores and mm ² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002658	4 G 1	4500	1500	6.5	24.0
70002659	4 G 1	6000	2000	6.5	24.0
70002661	5 G 1	1500	500	7.1	25.0
70002662	5 G 1	3000	1000	7.1	25.0
70002663	5 G 1	4500	1500	7.1	25.0
70002664	5 G 1	6000	2000	7.1	25.0
70002666	7 G 1	1250	500	8.0	30.0
70002667	7 G 1	2500	1000	8.0	30.0
70002668	7 G 1	3750	1500	8.0	30.0
70002669	7 G 1	5000	2000	8.0	30.0
70002670	12 G 1	1500	500	10.5	37.0
70002671	12 G 1	3000	1000	10.5	37.0
70002672	18 G 1	1500	500	12.7	45.0
70002673	18 G 1	3000	1000	12.7	45.0
70002681	2 X 1,5	1500	500	6.3	23.0
70002682	2 X 1,5	3000	1000	6.3	23.0
70002683	2 X 1,5	4500	1500	6.3	23.0
70002684	2 X 1,5	6000	2000	6.3	23.0
70002687	3 G 1,5	1500	500	6.7	24.0
70002688	3 G 1,5	3000	1000	6.7	24.0
70002689	3 G 1,5	4500	1500	6.7	24.0
70002690	3 G 1,5	6000	2000	6.7	24.0
70002699	5 G 1,5	1250	500	8.1	30.0
70002700	5 G 1,5	2500	1000	8.1	30.0
70002701	5 G 1,5	3750	1500	8.1	30.0
70002702	5 G 1,5	5000	2000	8.1	30.0
70002705	7 G 1,5	1250	500	8.9	31.0
70002706	7 G 1,5	2500	1000	8.9	31.0
70002707	7 G 1,5	3750	1500	8.9	31.0
70002708	7 G 1,5	5000	2000	8.9	31.0
70002709	12 G 1,5	1500	500	12.0	46.0
70002710	12 G 1,5	3000	1000	12.0	46.0
70002711	18 G 1,5	1500	500	13.4	52.0
70002712	18 G 1,5	3000	1000	13.4	52.0



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Part number	Number of cores and mm ² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002716	3 G 2,5	1250	500	8.1	28.5
70002717	3 G 2,5	2500	1000	8.1	28.5
70002718	3 G 2,5	3750	1500	8.1	28.5
70002719	3 G 2,5	5000	2000	8.1	28.5
70002721	5 G 2,5	1250	500	10.0	37.0
70002722	5 G 2,5	2500	1000	10.0	37.0
70002723	5 G 2,5	3750	1500	10.0	37.0
70002724	5 G 2,5	5000	2000	10.0	37.0