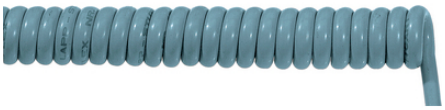
ÖLFLEX® SPIRAL 400 P

PUR spiral cable with increased chemical resistance

ÖLFLEX® SPIRAL 400 P - PUR spiral cable, chemical-, oil- and abrasion-resistant control cable for use in machines, plant construction and toolbuilding

Info

High resistance to benzols, benzines and other substances listed in Appendix T1
High mechanical strength
Available in cross sections starting at 0,5 mm^2



Good chemical resistance

Oil-resistant

Benefits

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

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
Abrasion and notch-resistant

Norm references / Approvals

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ÖLFLEX® SPIRAL 400 P

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

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spiralized cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000247 ETIM 6.0 Class-Description: Spiralized cable
Core identification code:	Black with white numbers acc. to VDE 0293-334
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Nominal voltage:	U0/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 and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.
Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

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ÖLFLEX® SPIRAL 400 P

Article number	Number of cores and mm² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002598	2 X 0.5	1500	500	5.5	20
70002599	2 X 0.5	3000	1000	5.5	20
70002600	2 X 0.5	4500	1500	5.5	20
70002601	2 X 0.5	6000	2000	5.5	20
70002602	3 G 0.5	1500	500	5.8	21
70002603	3 G 0.5	3000	1000	5.8	21
70002604	3 G 0.5	4500	1500	5.8	21
70002605	3 G 0.5	6000	2000	5.8	21
70002606	4 G 0.5	1500	500	6.2	21
70002607	4 G 0.5	3000	1000	6.2	21
70002608	4 G 0.5	4500	1500	6.2	21
70002609	4 G 0.5	6000	2000	6.2	21
70002610	5 G 0.5	1500	500	6.7	25
70002611	5 G 0.5	3000	1000	6.7	25
70002612	5 G 0.5	4500	1500	6.7	25
70002613	5 G 0.5	6000	2000	6.7	25
70002614	7 G 0.5	1500	500	7.6	29
70002615	7 G 0.5	3000	1000	7.6	29
70002616	7 G 0.5	4500	1500	7.6	29
70002617	7 G 0.5	6000	2000	7.6	29
70002618	12 G 0.5	1500	500	9.5	32
70002619	12 G 0.5	3000	1000	9.5	32
70002620	18 G 0.5	1500	500	11	42
70002621	18 G 0.5	3000	1000	11	42
70002622	2 X 0.75	1500	500	5.6	19.5
70002623	2 X 0.75	3000	1000	5.6	19.5
70002624	2 X 0.75	4500	1500	5.6	19.5
70002625	2 X 0.75	6000	2000	5.6	19.5
70002628	3 G 0.75	1500	500	5.9	20
70002629	3 G 0.75	3000	1000	5.9	20
70002630	3 G 0.75	4500	1500	5.9	20
70002631	3 G 0.75	6000	2000	5.9	20
70002634	4 G 0.75	1500	500	6.4	21
70002635	4 G 0.75	3000	1000	6.4	21

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Article number	Number of cores and mm² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002636	4 G 0.75	4500	1500	6.4	21
70002637	4 G 0.75	6000	2000	6.4	21
70002640	5 G 0.75	1500	500	6.9	24
70002641	5 G 0.75	3000	1000	6.9	24
70002642	5 G 0.75	4500	1500	6.9	24
70002643	5 G 0.75	6000	2000	6.9	24
70002726	7 G 0.75	1500	500	7.5	27
70002727	7 G 0.75	3000	1000	7.5	27
70002728	7 G 0.75	4500	1500	7.5	27
70002729	7 G 0.75	6000	2000	7.5	27
70002731	12 G 0.75	1500	500	9.9	35
70002732	12 G 0.75	3000	1000	9.9	35
70002734	18 G 0.75	1500	500	11.9	40
70002735	18 G 0.75	3000	1000	11.9	40
70002646	2 X 1.0	1500	500	5.9	20
70002647	2 X 1.0	3000	1000	5.9	20
70002648	2 X 1.0	4500	1500	5.9	20
70002649	2 X 1.0	6000	2000	5.9	20
70002651	3 G 1.0	1500	500	6.2	21
70002652	3 G 1.0	3000	1000	6.2	21
70002653	3 G 1.0	4500	1500	6.2	21
70002654	3 G 1.0	6000	2000	6.2	21
70002656	4 G 1.0	1500	500	6.7	24
70002657	4 G 1.0	3000	1000	6.7	24
70002658	4 G 1.0	4500	1500	6.7	24
70002659	4 G 1.0	6000	2000	6.7	24
70002661	5 G 1.0	1500	500	7.3	25
70002662	5 G 1.0	3000	1000	7.3	25
70002663	5 G 1.0	4500	1500	7.3	25
70002664	5 G 1.0	6000	2000	7.3	25
70002666	7 G 1.0	1250	500	8.2	30
70002667	7 G 1.0	2500	1000	8.2	30
70002668	7 G 1.0	3750	1500	8.2	30
70002669	7 G 1.0	5000	2000	8.2	30

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Article number	Number of cores and mm² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002670	12 G 1.0	1500	500	10.9	37
70002671	12 G 1.0	3000	1000	10.9	37
70002672	18 G 1.0	1500	500	12.7	45
70002673	18 G 1.0	3000	1000	12.7	45
70002681	2 X 1.5	1500	500	6.5	23
70002682	2 X 1.5	3000	1000	6.5	23
70002683	2 X 1.5	4500	1500	6.5	23
70002684	2 X 1.5	6000	2000	6.5	23
70002687	3 G 1.5	1500	500	6.9	24
70002688	3 G 1.5	3000	1000	6.9	24
70002689	3 G 1.5	4500	1500	6.9	24
70002690	3 G 1.5	6000	2000	6.9	24
70002699	5 G 1.5	1250	500	8.3	30
70002700	5 G 1.5	2500	1000	8.3	30
70002701	5 G 1.5	3750	1500	8.3	30
70002702	5 G 1.5	5000	2000	8.3	30
70002705	7 G 1.5	1250	500	9.1	31
70002706	7 G 1.5	2500	1000	9.1	31
70002707	7 G 1.5	3750	1500	9.1	31
70002708	7 G 1.5	5000	2000	9.1	31
70002709	12 G 1.5	1500	500	12.2	46
70002710	12 G 1.5	3000	1000	12.2	46
70002711	18 G 1.5	1500	500	14.2	52
70002712	18 G 1.5	3000	1000	14.2	52
70002716	3 G 2.5	1250	500	8.3	28.5
70002717	3 G 2.5	2500	1000	8.3	28.5
70002718	3 G 2.5	3750	1500	8.3	28.5
70002719	3 G 2.5	5000	2000	8.3	28.5
70002721	5 G 2.5	1250	500	10	37
70002722	5 G 2.5	2500	1000	10	37
70002723	5 G 2.5	3750	1500	10	37
70002724	5 G 2.5	5000	2000	10	37

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