

ÖLFLEX® 440 P








Abrasion- and oil-resistant all-weather control cable with TPE core insulation and PUR sheath - VDE certified

ÖLFLEX® 440 P - PUR control cable for indoor and outdoor use - cold flexible, abrasion resistant, flame retardant and halogen-free with VDE certification

Info

The robust multi-purpose control cable
Halogen-free and flame-retardant
VDE-tested and registered



-  Suitable for outdoor use
-  Halogen-free
-  Cold-resistant
-  Mechanical resistance
-  Oil-resistant
-  UV-resistant
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Benefits

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

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® 440 P

Wide temperature range for applications in harsh climatic environments
VDE-tested characteristics

Application range

Industrial machinery and machine tools
Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress
Construction machinery
Agricultural equipment
For indoor and outdoor use

Product features

Resistant to oil and drilling fluids according to IEC 61892-4, Appendix D
Abrasion and notch-resistant
Halogen-free and flame-retardant
(IEC 60332-1-2)
Resistant to hydrolysis and microbes
Flexible down to -40 °C

Norm references / Approvals

VDE reg. no. 6582
Suitable for use in fresh water down to 10 m depth at max. water temperature of +40 °C according to EN 50565-2

Product Make-up

Fine-wire, tinned-copper conductor
Core insulation: TPE
Cores twisted in layers
Special polyurethane outer sheath (PUR)
Sheath colour: Grey (similar RAL 7001)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control 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
Minimum bending radius:	Occasional flexing: 12.5 x outer diameter Fixed installation: 4 x outer diameter
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:	Occasional flexing: -40 °C to +90 °C Fixed installation: -50 °C to +90 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon

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request.

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

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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.

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
ÖLFLEX® 440 P			
0012800	2 X 0.5	5.8	10
0012801	3 G 0.5	6.1	14
0012802	4 G 0.5	6.6	19
0012803	5 G 0.5	7.3	24
0012804	7 G 0.5	8.8	34
0012805	12 G 0.5	10.9	58
0012806	18 G 0.5	12.9	86
0012807	25 G 0.5	15.7	120
0012813	2 X 0.75	6.2	14
0012814	3 G 0.75	6.5	22
0012815	4 G 0.75	7.1	29
0012816	5 G 0.75	8	36
0012817	7 G 0.75	9.7	50
0012818	12 G 0.75	11.7	86
0012819	18 G 0.75	14.1	130
0012820	25 G 0.75	17.1	180
0012825	2 X 1.0	6.5	19
0012826	3 G 1.0	6.9	29
0012827	4 G 1.0	7.7	38
0012828	5 G 1.0	8.4	48
0012829	7 G 1.0	10.2	67
0012830	12 G 1.0	12.6	115
0012831	18 G 1.0	14.9	173
0012832	25 G 1.0	18.1	240
0012833	34 G 1.0	20.6	326
0012834	41 G 1.0	22.4	394
0012837	2 X 1.5	7.1	29
0012838	3 G 1.5	7.5	43
0012839	4 G 1.5	8.4	58
0012840	5 G 1.5	9.4	72
0012841	7 G 1.5	11.4	101
0012842	12 G 1.5	14	173
0012843	18 G 1.5	16.6	259

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
0012844	25 G 1.5	20.1	360
0012846	41 G 1.5	25.1	590
0012850	3 G 2.5	9.2	72
0012851	4 G 2.5	10	96
0012852	5 G 2.5	11.2	120
0012853	7 G 2.5	13.8	168
0012854	12 G 2.5	16.9	288

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