

ÖLFLEX® 540 P

Cold-flexible, abrasion- and oil-resistant TPE/PUR connection cable for harsh conditions - VDE-registered

ÖLFLEX® 540 P - PUR power cable, VDE certified outdoor use an constructions sites with yellow jacket colour - cold flexible, abrasion resistant, halogen-free

Info

The proven building site cable
Voltage class from 1.5 mm² 450/750 V
VDE-tested and registered



Oil-resistant



Mechanical resistance



Halogen-free



Suitable for outdoor use



Cold-resistant

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

Wide temperature range for applications in harsh climatic environments

The signal colour of the outer sheath increases safety and visual perception

VDE-tested characteristics

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Application range

Connection and extension cables
Construction machinery
Building sites, camp sites, stage applications
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)
Flexible down to -40 °C
Resistant to hydrolysis and microbes

Norm references / Approvals

VDE reg. no. 6583 up to 1.0 mm²
VDE reg. no. 6584 from 1.5 mm²

Product Make-up

Fine-wire, tinned-copper conductor
Core insulation: TPE
Cores twisted together
Outer sheath: PUR – colour yellow
DESIGN: Other sheath colours on request
PRINT: Other sheath marking on request

Technical Data

Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9 (7-cored version number-coded)
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	Up to 1.0 mm ² : U0/U: 300/500 V From 1.5 mm ² : U0/U: 450/750 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

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Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

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

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

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

Photographs 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.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 540 P U0/U: 300/500 V				
0012452	2 X 0.75	6.2	14.4	52
0012453	3 G 0.75	6.7	21.6	63
00124543	4 G 0.75	7.3	28.8	80
00124553	5 G 0.75	8.2	36	98
0012456	7 G 0.75	9.9	51	126
0012457	2 X 1	6.7	19.2	53
0012458	3 G 1	7.1	29	72
00124593	4 G 1	7.7	38.4	96
00124603	5 G 1	8.6	48	117
0012461	7 G 1	10.4	68	147
ÖLFLEX® 540 P U0/U: 450/750 V				
0012462	2 X 1.5	8.3	29	82
0012463	3 G 1.5	8.8	43	108
00124643	4 G 1.5	9.8	58	147
00124653	5 G 1.5	10.7	72	164
0012466	7 G 1.5	13.4	101	267
0012467	2 X 2.5	9.7	48	142
0012468	3 G 2.5	10.3	72	161
00124693	4 G 2.5	11.4	96	220
00124703	5 G 2.5	12.7	120	245
0012471	7 G 2.5	15.8	168	321
0012474	3 G 4	12.3	115.2	262
00124753	4 G 4	13.6	154	284
00124763	5 G 4	15.2	192	355
00124783	4 G 6	15.4	230	440
00124793	5 G 6	17.1	288	530
00124813	4 G 10	20.1	384	615
00124823	5 G 10	22.3	480	735

Last Update (10.08.2017)

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Product Management www.lappkabel.de

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

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