

## ÖLFLEX® 408 P

Abrasion-resistant and oil-resistant control cable with PUR sheath for increased application requirements – VDE certified

ÖLFLEX® 408 P - PUR control cable with VDE certification for oil- and abrasion-resistant use in North America in apparatus construction, in industrial machines and machine tools.

### Info

High mechanical strength

Good oil resistance

Interstice-filling functional layer



Oil-resistant



Mechanical resistance

### Benefits

Durable under harsh conditions thanks to robust PUR sheath material

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

Interstice-filling functional layer ensures more safety and efficiency during industrial stripping

VDE-tested characteristics

### Application range

Appliance and apparatus construction

Industrial machinery and machine tools

Measurement, regulation and electrical applications

Outdoor use is possible within the indicated temperature range

Very suitable for oily wet areas within machine tools and transfer lines that are subject to normal mechanical stress

## ÖLFLEX® 408 P

### Product features

High oil resistance  
Abrasion-resistant and notch-resistant  
Low-adhesive surface  
Resistant to hydrolysis and microbes

### Norm references / approvals

VDE reg. no. 8744

### Design

Fine-wire, bare copper conductor  
Core insulation: Special PVC  
Cores twisted in layers  
Special sheath made of polyurethane with interstice-filling functional layer  
Sheath colour: Silver grey (RAL 7001)

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-1
Conductor design:	Fine wire according to VDE 0295, class 5 / IEC 60228 class 5
Minimum bending radius:	Flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	$U_0/U$ : 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -15°C to +70°C Fixed installation: -40°C to +80°C

### 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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging: Ring  $\leq 30$  kg or  $\leq 250$  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 <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1308802	2 X 0.5	4.8	9.6	32
1308003	3 G 0.5	5.1	14.4	39
1308803	3 X 0.5	5.1	14.4	39
1308004	4 G 0.5	5.7	19.2	49
1308804	4 X 0.5	5.7	19.2	49
1308005	5 G 0.5	6.2	24	59
1308805	5 X 0.5	6.2	24	59
1308007	7 G 0.5	6.7	33.6	73
1308807	7 X 0.5	6.7	33.6	73
1308010	10 G 0.5	8.6	48	116
1308012	12 G 0.5	8.9	57.6	129
1308018	18 G 0.5	10.5	86.4	184
1308025	25 G 0.5	12.4	120	256
1308852	2 X 0.75	5.4	14.4	42
1308103	3 G 0.75	5.7	21.6	51
1308853	3 X 0.75	5.7	21.6	51
1308104	4 G 0.75	6.2	28.8	62
1308854	4 X 0.75	6.2	28.8	62
1308105	5 G 0.75	6.7	36	75
1308855	5 X 0.75	6.7	36	75
1308107	7 G 0.75	7.3	50.4	95
1308857	7 X 0.75	7.3	50.4	95
1308110	10 G 0.75	9.6	72	153
1308112	12 G 0.75	9.9	86.4	170
1308118	18 G 0.75	11.7	129.6	245
1308125	25 G 0.75	13.8	180	340
1308902	2 X 1	5.7	19.2	49
1308203	3 G 1	6	28.8	60
1308903	3 X 1	6	28.8	60
1308204	4 G 1	6.5	38.4	74
1308904	4 X 1	6.5	38.4	74
1308205	5 G 1	7.1	48	90
1308905	5 X 1	7.1	48	90
1308207	7 G 1	8	67.2	118

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1308907	7 X 1	8	67.2	118
1308210	10 G 1	10.2	86	184
1308212	12 G 1	10.5	115.2	204
1308218	18 G 1	12.7	172.8	303
1308225	25 G 1	14.7	240	412
1308952	2 X 1.5	6.3	28.8	64
1308303	3 G 1.5	6.7	43.2	81
1308953	3 X 1.5	6.7	43.2	81
1308304	4 G 1.5	7.2	57.6	99
1308954	4 X 1.5	7.2	57.6	99
1308305	5 G 1.5	8.1	72	125
1308955	5 X 1.5	8.1	72	125
1308307	7 G 1.5	8.9	100.8	161
1308957	7 X 1.5	8.9	100.8	161
1308312	12 G 1.5	12	172.8	286
1308318	18 G 1.5	14.4	259.2	419
1308325	25 G 1.5	16.9	360	580
1308403	3 G 2.5	8.1	72	125
1308404	4 G 2.5	8.9	96	158
1308405	5 G 2.5	10	120	198
1308407	7 G 2.5	11.1	168	259
1308412	12 G 2.5	14.8	288	454
1308504	4 G 4	10.8	153.6	241
1308505	5 G 4	12.1	192	302
1308507	7 G 4	13.4	268.8	394
1308604	4 G 6	13	230.4	356
1308605	5 G 6	14.5	288	443
1308607	7 G 6	16	403.2	579
1308514	4 G 10	16.2	384	571
1308615	5 G 10	18.1	480	714
1308617	7 G 10	20	672	935
1308624	4 G 16	18.8	614.4	843

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