



## ÖLFLEX® 408 P

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

LAPP KABEL STUÏGART ÖLFLEX® 408 P VDE Reg.Nr. 8744 CE



### Info

- Oil resistant and abrasion-proof
- Proved and certified quality
- Easy jacket stripping thanks to interstice-filling functional layer

### 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
- Interstice-filling functional layer ensures more safety and efficiency during industrial and manual jacket stripping
- VDE-tested characteristics
- Good combination of quality and price

### Application range

- Appliance and apparatus construction
- Industrial machinery and machine tools
- Measurement, control and electrical applications
- Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress
- Under consideration of the temperature range also suitable for outdoor use

### Product features

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

### Norm references / Approvals

- VDE Reg.No. 8744

### Product Make-up

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

### Technical data

- Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000104  
ETIM 5.0/6.0 Class-Description: Control cable
- 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
- Minimum bending radius**  
Flexible use: 12.5 x outer diameter  
Fixed installation: 4 x outer diameter
- Nominal voltage**  
U0/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

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® 408 P</b>				
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 1.0	5,7	19.2	49
1308203	3 G 1.0	6,0	28.8	60
1308903	3 X 1.0	6,0	28.8	60
1308204	4 G 1.0	6,5	38.4	74
1308904	4 X 1.0	6,5	38.4	74
1308205	5 G 1.0	7,1	48	90
1308905	5 X 1.0	7,1	48	90

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1308207	7 G 1.0	8,0	67.2	118
1308907	7 X 1.0	8,0	67.2	118
1308210	10 G 1.0	10,2	86	184
1308212	12 G 1.0	10,5	115.2	204
1308218	18 G 1.0	12,7	172.8	303
1308225	25 G 1.0	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	12,0	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	10,0	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	13,0	230.4	356
1308605	5 G 6	14,5	288	443
1308607	7 G 6	16,0	403.2	579
1308514	4 G 10	16,2	384	571
1308615	5 G 10	18,1	480	714
1308617	7 G 10	20,0	672	935
1308624	4 G 16	18,8	614.4	843

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.  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths) / Packaging size: coil ≤ 30 kg or ≤ 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.