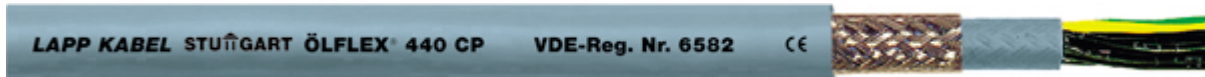


TPE -insulated, numbered, shielded, PUR sheath, approved

### Product Description

Protected against water and dirt;Low corrosive smoke emission;Cold flexible;Wear-resistant;EMC compliant



### Application range

- Construction machinery
- machine tools
- Especially in wet area of machine tools and transfer lines under normal mechanical stress.
- Production plants
- For indoor- and outdoor use

### Benefits

- Protected against water and dirt
- Low corrosive smoke emission
- Cold flexible
- Wear-resistant
- EMC compliant

### Design

- Fine strands of tinned copper wires
- Core insulation: TPE
- Inner sheath: TPE
- tinned copper braid
- Special polyurethane sheath (PUR)
- Silver grey (RAL 7001)

### Product features

- Oil resistant and adhesion-free
- Abrasion and cut resistant
- Hydrolysis-resistant
- halogen free



- Flame retardant (IEC 60332-1-2)

**Technical Data**

**Core identification code**

Black with white numbers acc. to VDE 0293

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5

**Minimum bending radius**

Occasional flexing: 15 x cable diameter  
Fixed installation : 6 x cable diameter

**Rated voltage**

300/500 V

**Test voltage**

3000 V

**Protective conductor**

G = with protective conductor GN/YE  
X = without protective conductor

**Range of temperature**

Occasional flexing: -40 °C up to +90 °C  
Fixed installation: -50°C up to +90°C

**VDE tested**

VDE Reg. No. 6582  
4 - 6mm<sup>2</sup>: based on VDE 0281/0282

**Article List**

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 440 CP				
0012901	3 G 0,5	8,3	44.0	100
0012902	4 G 0,5	8,8	52.0	120
0012903	5 G 0,5	9,7	61.0	139
0012904	7 G 0,5	11,2	75.0	175
0012906	12 G 0,5	13,7	131.0	276
0012907	18 G 0,5	15,7	168.0	376
0012908	25 G 0,5	18,5	212.0	485
0012911	2 X 0,75	8,4	45.0	104
0012912	3 G 0,75	8,7	52.0	119
0012913	4 G 0,75	9,5	67.0	126
0012914	5 G 0,75	10,2	75.0	165
0012915	7 G 0,75	11,9	96.0	210
0012917	12 G 0,75	14,5	160.0	331
0012919	25 G 0,75	20,3	283.0	596

0012925	2 X 1,0	8,7	49.0	117
0012926	3 G 1,0	9,3	60.0	132
0012927	4 G 1,0	9,9	78.0	163
0012928	5 G 1,0	10,8	88.0	187
0012929	7 G 1,0	12,8	115.0	255
0012931	12 G 1,0	15,4	201.0	419
0012932	18 G 1,0	17,7	267.0	546
0012933	25 G 1,0	21,5	351.0	738
0012934	34 G 1,0	23,8	498.0	972
0012940	2 X 1,5	9,5	68.0	122
0012941	3 G 1,5	9,9	83.0	140
0012942	4 G 1,5	10,8	102.0	170
0012943	5 G 1,5	11,6	119.0	200
0012944	7 G 1,5	14,2	186.0	290
0012945	12 G 1,5	16,8	264.0	423
0012946	18 G 1,5	20.0	379.0	616
0012947	25 G 1,5	23,5	534.0	804
0012949	41 G 1,5	28,9	803.0	1360
0012950	3 G 2,5	11,4	121.0	194
0012951	4 G 2,5	12,6	145.0	307
0012952	5 G 2,5	14.0	205.0	413
0012953	7 G 2,5	16,4	259.0	533
0012954	12 G 2,5	21.0	407.0	795

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Photographs are not to scale and do not represent detailed images of the respective products.