

TPE -insulated, numbered, PUR sheath, approved

Product Description

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



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

Design

- Fine strands of tinned copper wires
- Core insulation: TPE
- 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: 12.5 x cable diameter

Static: 4 x cable diameter

Rated voltage

U0/U:

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 - 6mm²: based on VDE 0281/0282

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 440 P				
0012800	2 X 0,5	5,9	10.0	39
0012801	3 G 0,5	6,2	14.0	46
0012802	4 G 0,5	6,9	19.0	53
0012803	5 G 0,5	7,4	24.0	65
0012804	7 G 0,5	9,1	34.0	92
0012805	12 G 0,5	11,3	58.0	149
0012806	18 G 0,5	13,2	86.0	207
0012807	25 G 0,5	15.0	120.0	274
0012813	2 X 0,75	6,4	14.0	48
0012814	3 G 0,75	6,8	22.0	53
0012815	4 G 0,75	7,4	29.0	67
0012816	5 G 0,75	8,6	36.0	81
0012817	7 G 0,75	10.0	50.0	119
0012818	12 G 0,75	12,4	86.0	193
0012819	18 G 0,75	14,4	130.0	269
0012820	25 G 0,75	17,2	180.0	378
0012825	2 X 1,0	6,8	19.0	57

0012826	3 G 1,0	7,2	29.0	61
0012827	4 G 1,0	8,2	38.0	82
0012828	5 G 1,0	9.0	48.0	107
0012829	7 G 1,0	11,1	67.0	138
0012830	12 G 1,0	13,2	115.0	215
0012831	18 G 1,0	15,4	173.0	328
0012832	25 G 1,0	19.0	240.0	479
0012833	34 G 1,0	21,8	326.0	616
0012834	41 G 1,0	23,4	394.0	727
0012837	2 X 1,5	7,4	29.0	73
0012838	3 G 1,5	8,3	43.0	96
0012839	4 G 1,5	9.0	58.0	105
0012840	5 G 1,5	9,8	72.0	133
0012841	7 G 1,5	12,2	101.0	175
0012842	12 G 1,5	14,5	173.0	309
0012843	18 G 1,5	17,6	259.0	458
0012844	25 G 1,5	20,7	360.0	635
0012846	41 G 1,5	26,3	590.0	1003
0012850	3 G 2,5	9,7	72.0	142
0012851	4 G 2,5	11.0	96.0	184
0012852	5 G 2,5	12,1	120.0	220
0012853	7 G 2,5	14,2	168.0	294
0012854	12 G 2,5	17,8	288.0	489

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

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.