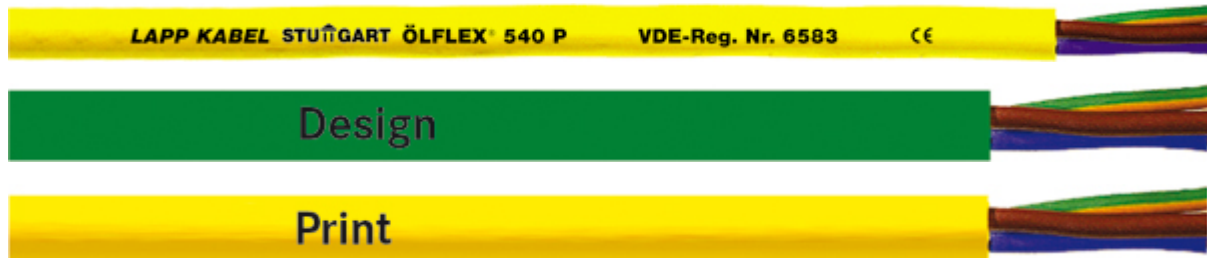


TPE-PUR service cordage, VDE -registered, for building sites, event technology, agriculture and camping

Product Description

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



Application range

- Construction machinery
- Building sites, camp sites
- Agricultural equipment
- Production plants
- For indoor- and outdoor use

Benefits

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

Design

- Fine strands of tinned copper wires
- Core insulation: TPE
- Outer sheath: Polyurethane, yellow (RAL 1016)
- DESIGN: other outer sheath color on demand

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

Colour coded, according to VDE 0293, see Appendix T9
(7-core with printed numbering)

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: 10 x cable diameter
Static: 4 x cable diameter

Rated voltage

Up to 1.0mm² 300/500 V
From 1.5mm² 450/750 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

Up to 1.0 mm²: VDE-Reg. No. 6583
Starting at 1.5 mm²: VDE-Reg. No. 6584

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 540 P U0/U: 300/500 V				
0012452	2 X 0,75	6,6	14.4	52
0012453	3 G 0,75	7.0	21.6	63
00124543	4 G 0,75	7,6	28.8	80
00124553	5 G 0,75	8,5	36.0	98
0012456	7 G 0,75	10,2	51.0	126
0012457	2 X 1,0	7.0	19.2	53
0012458	3 G 1,0	7,4	29.0	72
00124593	4 G 1,0	8,2	38.4	96
00124603	5 G 1,0	9.0	48.0	117
0012461	7 G 1,0	10,9	68.0	147



ÖLFLEX® 540 P U0/U: 450/750 V				
0012462	2 X 1,5	8,4	29.0	82
0012463	3 G 1,5	8,9	43.0	108
00124643	4 G 1,5	9,9	58.0	147
00124653	5 G 1,5	10,9	72.0	164
0012466	7 G 1,5	13,5	101.0	267
0012467	2 X 2,5	10.0	48.0	142
0012468	3 G 2,5	10,6	72.0	161
00124693	4 G 2,5	11,8	96.0	220
00124703	5 G 2,5	13,4	120.0	245
0012471	7 G 2,5	15,8	168.0	321
0012474	3 G 4	13.0	115.2	262
00124753	4 G 4	14,2	154.0	284
00124763	5 G 4	16.0	192.0	355
00124783	4 G 6	16,1	230.0	440
00124793	5 G 6	17,6	288.0	530
00124813	4 G 10	19,9	384.0	615
00124823	5 G 10	22,2	480.0	735

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.