

PVC insulated, numbered, PUR sheath

Product Description

Longer durability in harsh applications;Space saving installation due to small cable diameters;Wear-resistant



Application range

- Production plants
- Measurement, control and electrical applications
- Outdoor use only in accordance with the indicated temperature range
- Especially in wet area of machine tools and transfer lines under normal mechanical stress.

Benefits

- Longer durability in harsh applications
- Space saving installation due to small cable diameters
- Wear-resistant

Design

- Fine strands of bare copper wires
- Core insulation: Special-PVC
- Special polyurethane sheath (PUR)
- Silver grey (RAL 7001)
- DESINA® conformant, black (RAL 9005)

Product features

- Increased oil resistance
- Abrasion and cut resistant
- Low adhesive surface



Technical Data

Core identification code

Black with white numbers acc. to VDE 0293

Based on

Based on VDE 0281 und 0282

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

Fixed installation: 4 x cable diameter

Rated voltage

U0/U: 300/500 V

Test voltage

4000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Occasional flexing: -5°C up to +70°C

Fixed installation: -40°C up to +80°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CLASSIC 400 P, U0/U: 300/500 V, grey				
1312802	2 X 0,5	4,8	10.0	32
1312003	3 G 0,5	5,1	15.0	43
1312803	3 X 0,5	5,1	15.0	43
1312004	4 G 0,5	5,7	19.2	50
1312804	4 X 0,5	5,7	19.2	50
1312005	5 G 0,5	6,2	24.0	59
1312805	5 X 0,5	6,2	24.0	59
1312007	7 G 0,5	6,7	34.0	73
1312807	7 X 0,5	6,7	34.0	73
1312010	10 G 0,5	8,6	48.0	109
1312012	12 G 0,5	8,9	57.6	125
1312018	18 G 0,5	10,5	87.0	180
1312025	25 G 0,5	12,4	120.0	250
1312034	34 G 0,5	14,3	164.0	333
1312041	41 G 0,5	15,7	197.0	400
1312852	2 X 0,75	5,4	14.4	41
1312103	3 G 0,75	5,7	21.6	51
1312853	3 X 0,75	5,7	21.6	51

1312104	4 G 0,75	6,2	28.8	62
1312854	4 X 0,75	6,2	28.8	62
1312105	5 G 0,75	6,7	36.0	74
1312855	5 X 0,75	6,7	36.0	74
1312107	7 G 0,75	7,3	50.0	97
1312857	7 X 0,75	7,3	50.0	97
1312110	10 G 0,75	9,6	72.0	142
1312112	12 G 0,75	9,9	86.4	163
1312118	18 G 0,75	11,7	129.6	234
1312125	25 G 0,75	13,8	180.0	324
1312134	34 G 0,75	15,9	244.8	431
1312141	41 G 0,75	17,4	295.2	529
1312902	2 X 1,0	5,7	19.2	48
1312203	3 G 1,0	6.0	28.8	61
1312903	3 X 1,0	6.0	28.8	61
1312204	4 G 1,0	6,5	38.4	74
1312904	4 X 1,0	6,5	38.4	74
1312205	5 G 1,0	7,1	48.0	89
1312905	5 X 1,0	7,1	48.0	89
1312207	7 G 1,0	8.0	67.0	116
1312210	10 G 1,0	10,2	96.0	171
1312212	12 G 1,0	10,5	115.0	197
1312218	18 G 1,0	12,7	173.0	289
1312225	25 G 1,0	14,7	240.0	412
1312234	34 G 1,0	17,1	326.4	532
1312241	41 G 1,0	18,8	393.6	638
1312952	2 X 1,5	6,3	29.0	63
1312303	3 G 1,5	6,7	43.0	79
1312953	3 X 1,5	6,7	43.0	79
1312304	4 G 1,5	7,2	58.0	98
1312954	4 X 1,5	7,2	58.0	98
1312305	5 G 1,5	8,1	72.0	121
1312955	5 X 1,5	8,1	72.0	121
1312307	7 G 1,5	8,9	101.0	159
1312957	7 X 1,5	8,9	101.0	159
1312312	12 G 1,5	12.0	173.0	268
1312318	18 G 1,5	13,4	259.5	392
1312325	25 G 1,5	16,9	360.0	531
1312334	34 G 1,5	19,4	489.6	722
1312341	41 G 1,5	21,3	590.4	867
1312403	3 G 2,5	8,1	72.0	132



1312404	4 G 2,5	8,9	96.0	163
1312405	5 G 2,5	10.0	120.0	186
1312407	7 G 2,5	11,1	168.0	267
1312412	12 G 2,5	14,8	288.0	445
1312504	4 G 4	10,8	154.0	237
1312505	5 G 4	12,1	192.0	291
1312507	7 G 4	13,4	269.0	391
1312604	4 G 6	13.0	230.4	327
1312605	5 G 6	14,5	288.0	424
1312607	7 G 6	16.0	403.0	580
1312614	4 G 10	16,2	384.0	567
1312615	5 G 10	18,1	480.0	695
1312617	7 G 10	20.0	672.0	937
1312624	4 G 16	18,8	614.4	1064

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)

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