

Screened, PVC- insulated, numbered, PUR -sheath

Product Description

Space saving installation due to small cable diameters; Protected against water and dirt; Wear-resistant



Application range

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

Benefits

- Space saving installation due to small cable diameters
- Protected against water and dirt
- Wear-resistant

Design

- Fine strands of bare copper wires
- Core insulation: Special-PVC
- Plastic foil wrapping
- tinned copper braid
- Special polyurethane sheath (PUR)
- Silver grey (RAL 7001)

Product features

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



Technical Data

Core identification code

Black cores with printed white numbers (VDE 0293)

Based on

Core in accordance with VDE 0812/0281

Sheath according to VDE 0250/0282

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: 20 x cable diameter

Fixed installed: 6 x outer diameter

Rated voltage

Rated voltage U 0/U

IEC: 300/500 V

Test voltage

C/C: 4000 V

C/S: 2000 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 415 CP, U0/U: 300/500 V				
1314000	2 X 0,5	5,8	36.0	45
1314001	3 G 0,5	6,1	43.0	59
1314002	3 X 0,5	6,1	43.0	59
1314003	4 G 0,5	6,5	49.0	83
1314004	4 X 0,5	6,5	49.0	83
1314005	5 G 0,5	7.0	57.0	96
1314006	5 X 0,5	7.0	57.0	96
1314007	7 G 0,5	7,5	69.0	136
1314008	7 X 0,5	7,5	69.0	136
1314010	12 G 0,5	9,9	104.0	200
1314011	12 X 0,5	9,9	104.0	200
1314012	18 G 0,5	11,5	141.0	275
1314013	18 X 0,5	11,5	141.0	275
1314014	25 G 0,5	13,4	211.0	350
1314015	25 X 0,5	13,4	211.0	350
1314017	2 X 0,75	6,2	43.0	56
1314018	3 G 0,75	6,5	52.0	70



1314019	3 X 0,75	6,5	52.0	70
1314020	4 G 0,75	7.0	61.0	95
1314021	4 X 0,75	7.0	61.0	95
1314022	5 G 0,75	7,7	72.0	130
1314023	5 X 0,75	7,7	72.0	130
1314024	7 G 0,75	8,3	89.0	168
1314025	7 X 0,75	8,3	89.0	168
1314026	12 G 0,75	10,9	138.0	232
1314027	18 G 0,75	12,7	211.0	315
1314028	25 G 0,75	14,8	280.0	435
1314029	25 X 0,75	14,8	280.0	435
1314032	2 X 1,0	6,5	51.0	84
1314033	3 G 1,0	6,8	62.0	110
1314034	3 X 1,0	6,8	62.0	110
1314035	4 G 1,0	7,3	74.0	130
1314036	4 X 1,0	7,3	74.0	130
1314037	5 G 1,0	8,1	88.0	156
1314038	5 X 1,0	8,1	88.0	156
1314039	7 G 1,0	8,8	112.0	192
1314040	7 X 1,0	8,8	112.0	192
1314041	12 G 1,0	11,5	185.0	285
1314042	18 G 1,0	13,9	268.0	395
1314043	25 G 1,0	15,9	354.0	656
1314046	2 X 1,5	7,1	65.0	97
1314047	3 G 1,5	7,5	82.0	125
1314048	3 X 1,5	7,5	82.0	125
1314049	4 G 1,5	8,2	100.0	165
1314050	4 X 1,5	8,2	100.0	165
1314051	5 G 1,5	8,9	119.0	193
1314052	5 X 1,5	8,9	119.0	193
1314053	7 G 1,5	9,9	154.0	245
1314054	7 X 1,5	9,9	154.0	245
1314055	12 G 1,5	13.0	268.0	365
1314056	18 G 1,5	15,6	373.0	553
1314057	25 G 1,5	17,9	530.0	734
1314058	34 G 1,5	20,8	683.0	944
1314061	3 G 2,5	8,9	118.0	188
1314062	4 G 2,5	9,9	147.0	236
1314063	5 G 2,5	11.0	176.0	270
1314064	7 G 2,5	11,9	253.0	340
1314065	12 G 2,5	16.0	355.0	589



1314066	18 G 2,5	19.0	569.0	978
1314067	25 G 2,5	22,2	827.0	1358
1314068	4 G 4	11,6	248.0	305
1314070	7 G 4	14,4	355.0	500
1314071	4 G 6	14,2	343.0	440
1314073	7 G 6	17.0	505.0	672
1314074	4 G 10	17,2	535.0	710
1314075	4 G 16	20,2	800.0	1050
1314076	4 G 25	25,1	1075.0	1570
1314077	4 G 35	28.0	1576.0	2070

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.