

PVC insulated, numbered, PUR sheath

## Product Description

Well-proven, reliable; Wide range use



## Application range

- In power chains or moving machine parts
- Especially in wet areas of machine tools and transfer lines subject to average mechanical stress
- Mechanical engineering
- Use in measuring, control and regulating circuits
- Power circuits for electrical equipment in automation engineering

## Benefits

- Well-proven, reliable
- Wide range use

## Design

- Extra fine strands of plain copper wires (Class 6)
- Core insulation: PVC
- Cores twisted in short lay lengths
- Nonwoven wrapping
- Polyurethane sheath (PUR), grey (RAL 7001)

## Approvals (Norm references)

- For travel distances up to 10 m.
- Usage in Power Chains: Please comply with the assembly guidelines Appendix T3

## Product features



- Low adhesive surface
- Oil resistant
- Flame retardant (IEC 60332-1-2)
- In dry, damp or wet interiors under medium mechanical load conditions
- Designed for up to 5 million bending change cycles in the power chain

## Technical Data

### Core identification code

Black with white numbers acc. to VDE 0293

### Based on

Sheath in accordance with VDE 0245/0282

### Specific insulation resistance

> 20 GOhm x cm

### Conductor stranding

Extra fine wire according to VDE 0295 Class 6 / IEC 60228 Class 6

### Minimum bending radius

For flexible applications: 7.5 x outside diameter

Static: 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

Flexing: -5°C up to +70°C

Fixed installation: -40°C up to +80°C

## 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
0026300	2 X 0,5	5.3	10.0	36
0026301	3 G 0,5	5.7	15.0	44
0026302	4 G 0,5	6.3	19.0	53
0026303	5 G 0,5	6.8	24.0	62
0026304	7 G 0,5	8.0	34.0	82
0026305	12 G 0,5	9.5	58.0	129
0026306	18 G 0,5	11.4	86.4	185
0026319	2 X 0,75	5.7	15.0	44
0026320	3 G 0,75	6.2	22.0	55
0026321	4 G 0,75	6.8	29.0	67
0026322	5 G 0,75	7.4	37.0	80



0026323	7 G 0,75	8.9	51.0	109
0026324	12 G 0,75	10.6	87.0	172
0026326	18 G 0,75	12.7	130.0	247
0026327	25 G 0,75	15.2	181.0	346
0026330	2 X 1,0	6.1	20.0	52
0026331	3 G 1,0	6.6	29.0	66
0026332	4 G 1,0	7.3	39.0	82
0026333	5 G 1,0	8.0	48.0	97
0026334	7 G 1,0	9.6	67.0	117
0026335	12 G 1,0	11.4	115.0	211
0026338	18 G 1,0	13.9	173.0	310
0026339	25 G 1,0	16.4	240.0	426
0026341	34 G 1,0	18.9	326.4	571
0026342	41 G 1,0	20.6	394.0	684
0026343	50 G 1,0	22.3	480.0	822
0026344	65 G 1,0	25.4	624.0	1058
0026349	2 X 1,5	6.8	29.0	68
0026350	3 G 1,5	7.4	43.2	86
0026351	4 G 1,5	8.1	58.0	106
0026352	5 G 1,5	9.1	72.0	131
0026353	7 G 1,5	10.9	101.0	178
0026354	12 G 1,5	12.9	173.0	281
0026355	16 G 1,5	14.6	230.0	365
0026356	18 G 1,5	15.6	259.0	411
0026357	25 G 1,5	18.6	360.0	571
0026359	34 G 1,5	21.1	489.6	753
0026361	42 G 1,5	23.0	629.0	919
0026362	50 G 1,5	25.0	720.0	1093
0026370	3 G 2,5	9.0	72.0	135
0026371	4 G 2,5	10.0	96.0	168
0026372	5 G 2,5	11.2	120.0	206
0026373	7 G 2,5	13.6	168.0	286
0026374	12 G 2,5	16.0	288.0	453
0026375	14 G 2,5	17.2	336.0	525
0026381	4 G 4	11.7	160.0	252
0026382	5 G 4	13.1	200.0	309
0029200	1 G 6	6.4	60.0	84
0026383	4 G 6	13.9	230.0	377
0029210	1 G 10	7.7	100.0	141
0026385	4 G 10	17.6	384.0	614
0026386	5 G 10	19.6	480.0	751



0029220	1 G 16	9.2	160.0	198
0026387	4 G 16	21.0	615.0	851

**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  $\leq$  30 kg and  $\leq$  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.