

Normative Arc Welding Cable

Product Description



Application range

- For the transmission of high currents from the electric welding device to the welding tool
- Usage of the Welding Cable with attention to HD 516/ VDE 0298-300 only
- Use in dry or damp rooms
- H01N2-D chemically improper for battery applications - instead, special cables are available, i.e. ÖLFLEX® TRUCK 170 TWIN.

Design

- Bare copper wire according to HAR
- Stranding corresponds up to 95 mm² approximately to class 6 and from 120 mm² approximately to class 5 acc. to VDE 0295
- Separator of synthetic foil or paper
- Outer jacket of rubber Type EM5

Approvals (Norm references)

- Has replaced the previous VDE-type NSLFFÖU

Product features

- Flame retardant according to IEC 60332-1-2
- Maximum suggested ambient temperature during storage according to HD 516/ VDE 0298-300: +40 °C



Technical Data

Approvals

VDE 0282 Part 6 or HD 22.6

Conductor stranding

Class D according to VDE 0282 part 6 (see table)

Number of wires is a value without obligation

Conductor resistance

In accordance with VDE 0295

Minimum bending radius

Flexible use: 12 x outer diameter

Rated voltage

U0/U: 100/100 V

Test voltage

1000 V

Current rating

According to VDE 0298 Part 4, table 16

HD 516

Range of temperature

Flexible use: -25°C up to +85°C

HD 516

Article List

Part number	Outer diameter in mm	Conductor cross section in mm ²	Copper index kg/km	Weight kg/km
2310026	7,7 - 9,7	10	96.0	171
2210700	8,8 - 11	16	154.0	198
2210701	10,1 - 12,7	25	240.0	305
2210702	11,4 - 14,2	35	336.0	415
2210703	13,2 - 16,5	50	480.0	555
2210704	15,3 - 19,2	70	672.0	765
2210705	17,1 - 21,4	95	912.0	1010
2210706	19,2 - 24	120	1152.0	1262
2210707	21,2 - 26,4	150	1440.0	1610
2210708	25 - 29,5	240	2304.0	2520

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.