



H01N2-E Welding Cable

Construction

- Conductor: copper wire bare, stranded/extra fine stranded
- Separation layer over the conductor
- Outer sheath: neoprene
- Cladding: cross-linked elastomer (rubber compound EM5) acc. to DIN VDE 0207-363-2-2 / DIN EN 50363-2-2
- Sheath color: black

Technical Data

- Arc welding cable acc. to DIN VDE 0285-525-2-81 / DIN EN 50525-2-81
- Temperature range: flexible -20°C to +85°C

fixed -35°C to +85°C

Permissible operating temperature of the conductor +85°C

- Nominal voltage: AC U0/U 100/100 V
- Test voltage: 1000 V
- Minimum bending radius: flexible 10x Outer-Ø

Properties

- resistant to: oil, ozone, oxygen, petrol, welding light, inert gas
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

Tests

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332- 1-2 / IEC 60332-1-2
- oil-resistant acc. to DIN VDE 0473-811-404 / DIN EN 60811-404 / IEC 60811-404
- certifications and approvals: HAR, EAC

Application

- The cable is intended for connections between the welding energy source and the electrode holder and the workpiece. Suitable for use in dry and damp rooms; temporary use outdoors. For use in automotive and shipbuilding industry, in transport, conveyor and assembly line systems, machine tools and automatic welding machines.

Notes

- The conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

Ø mm ²	Cu-Weight kg/km	Wire- Construction	Outer-Ø mm min.- max.	AWG, approx.	Total- Weight kg/km	Article number
10	96,0	566 x 0,15	6,2 - 7,8	8	119,0	2811910010
16	154,0	903 x 0,15	7,3 - 9,1	6	181,0	2811916010

Ømm²	Cu-Weight kg/km	Wire- Construction	Outer-Ø mm min.- max.	AWG, approx.	Total- Weightkg/km	Articlenumber
25	240,0	1407 x 0,15	8,6 -10,8	4	270,0	2811925010
35	336,0	1974 x 0,15	9,8 - 12,3	2	363,0	2811935010
50	480,0	2830 x 0,15	11,9 - 14,8	1	528,0	2811950010
70	672,0	3952 x 0,15	13,6 - 17,0	2/0	716,0	2811970010
95	912,0	5370 x 0,15	15,6 - 19,5	3/0	1012,0	2811995010
120	1.152,0	3819 x 0,20	17,2 - 21,6	4/0	1.248,0	2811912010

- Further formats available on request
- All data and products subject to change