

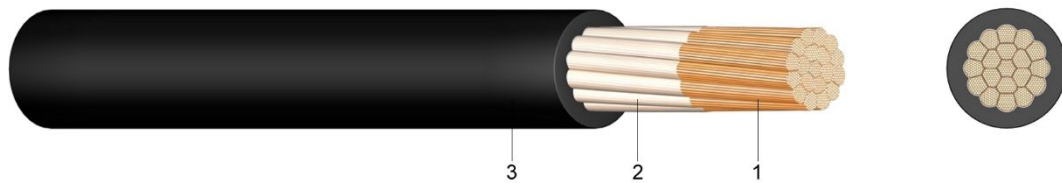
H01N2-D

Rubber-sheathed flexible arc welding cable, 100 V
+85 °C service temperature, single core, UV resistant
EN 50525-2-81

Application

Rubber-sheathed, flexible connecting cable designed to transmit high currents between the welding generator and the electrode in various applications with a voltage rating of up to 100V. For manual and automated welding lines with high mechanical requirements in dry and humid rooms and for outdoor use. Also suitable for industrial welding e.g. automotive industries, shipbuilding, machine tool building and handheld electrodes e.g. in facilities or on construction lots.

Construction



1. Conductor: Copper conductor, bare, flexible (class 6) up to 95 mm²
Copper conductor, bare, flexible (class 5) from 120 mm²
2. Outer sheath: Rubber compound, black

Technical information

Rated voltage	U ₀ /U	100/100 V
Max. permissible temperature at conductor		85 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature without mechanical stress		-35 °C
Min. temperature during installation		-20 °C
Min. bending radius mm		6 x outer diameter in mm
Max. tensile strength during installation		15 N / mm ²

Safety parameters

Flame spread	single cable	EN 60332-1-2
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Additional parameters

Oil resistant
UV resistant

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N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
1 x 10	9,7	135
1 x 16	11,0	198
1 x 25	12,7	285
1 x 35	14,2	385
1 x 50	16,5	550
1 x 70	19,2	750
1 x 95	21,4	1015
1 x 120	24,0	1250
1 x 150	26,4	1540
1 x 185	28,9	1800
1 x 240	32,1	2100

La version française de cette fiche technique est disponible sur demande.
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.