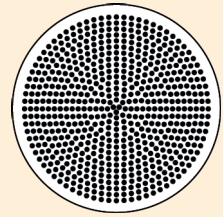


H01 N2-E (Highly flexible) welding cable

RoHS

CROSS SECTION



Acc. to DIN EN 50525-2-21
(VDE 0285-525-2-21):2012-01

APPLICATION

For welding specialists with high robustness and flexibility requirements. This special cable is used to transmit high currents from electrical welding devices to welding tools. It is suitable for flexible use under extreme conditions, on assembly lines and handling systems, in machine tool construction, automotive manufacturing and shipbuilding and for manual and automatic arc and spot welding devices. The cable remains highly flexible even under the influence of light, ozone, inert gas, oil and oxygen. It is also resistant to high thermal loads.

SPECIAL FEATURES

Sheath colour
Black

STRUCTURE

Conductor	Copper conductor, bare, extra-flexible (class 6) according to DIN VDE 0295 and IEC 60228 cl. 5, HD 383
Cores	Rubber compound insulation
Outer sheath	Cross-linked elastomer with high mechanical strength

TECHNICAL DATA

Nominal voltage	100 V/100 V
Test voltage	1000 V
Operating temperature	-25°C to +60°C
Max. operating temperature	+85°C
Min. installation temperature	-25°C
Max. installation temperature	+80°C
Min. bending radius:	12 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B according to VDE 0472 part 804 and IEC 332-1
Sheath oil resistance	Test method A according to VDE 0472 part 803
Ozone resistance	Test method A according to VDE 0472 part 805 and test method C according to VDE 0472 part 805 A1

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
H01 N2-E 25 mm ² Highly flexible	240.0	11.0	247	1021202
H01 N2-E 35 mm ² Highly flexible	336.0	12.5	338	1021206
H01 N2-E 50 mm ² Highly flexible	480.0	15.0	478	1021208
H01 N2-E 70 mm ² Highly flexible	672.0	17.0	693	1021210
H01 N2-E 95 mm ² Highly flexible	912.0	19.5	889	1021212
H01 N2-E 120 mm ² Highly flexible	1.152.0	21.5	1218	1021214