

# KU WELD

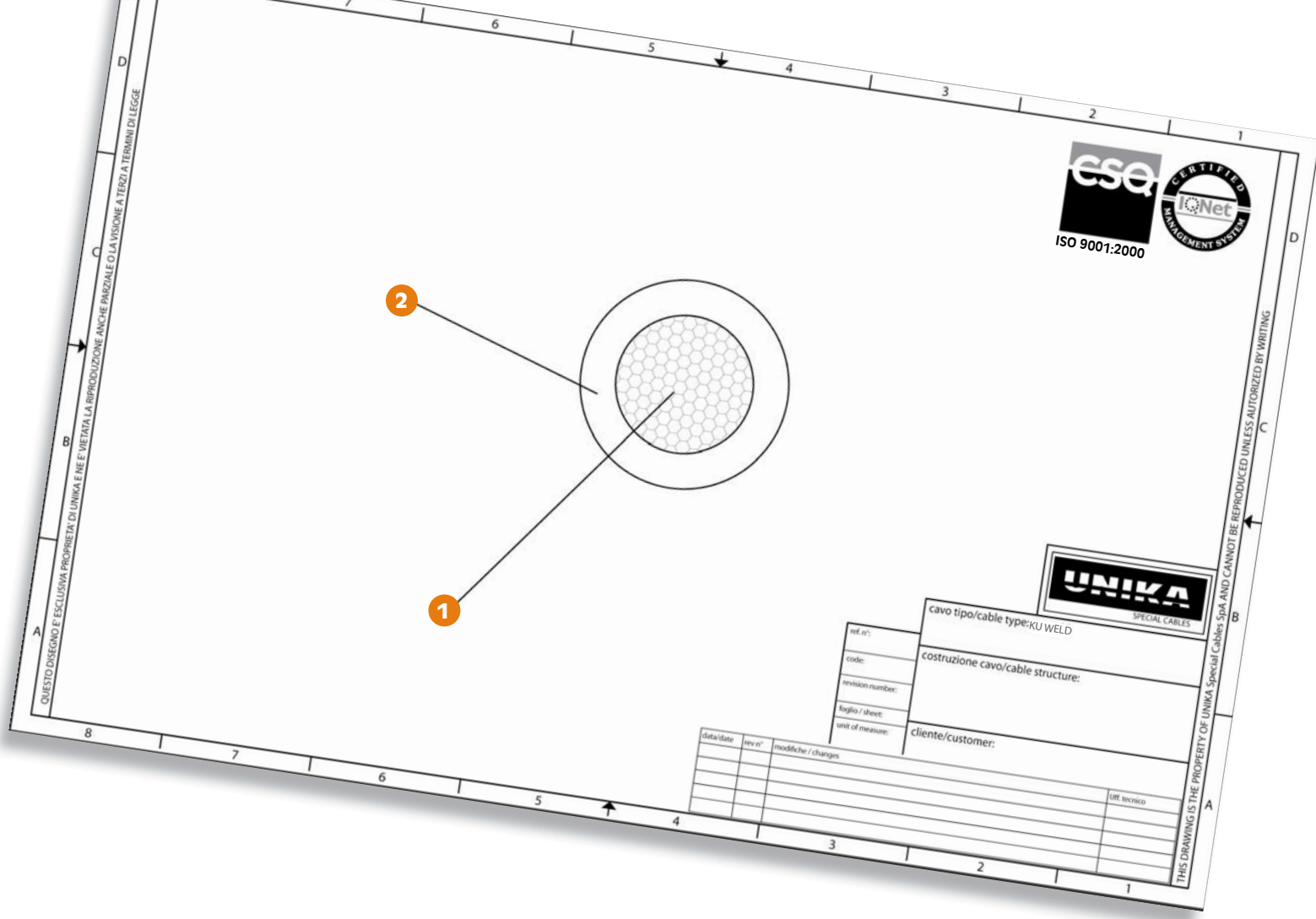
Cavo per saldatura ad arco in gomma  
 Arc wecding cables rubber insulated

KU WELD H01N2-D IEMMEQU <HAR>

Technical data	
<b>Conductor</b>	1 Bare copper
<b>Insulation</b>	2 Rubber type EM5
<b>Outer sheath</b>	<b>Color:</b> black RAL 9005 <b>Marking:</b> KU WELD IEMMEQU <HAR> H01N2-D (section) mmq CE (logo) - traceability code
<b>Identification thread</b>	HAR identification thread (black-red-yellow)
<b>Nominal voltage U0/U</b>	100/100 V
<b>Maximum operating temperature</b>	85°C
<b>Min. Installation temperature</b>	-25°C
<b>Short circuit temperature</b>	250°C
<b>Min. Bending radius</b>	D<8 = 4D; 8<D<12 = 4D; 12<D<20 = 5D; D≥20 = 6D
<b>In according with following standards</b>	<b>conductor:</b> CEI EN 60228 class 5 <b>costruction:</b> CEI 20/19/6 IV Ed. 1996+V1:1999+V2:2006; HD22.6 S2:1995+A1:1999+A2:2004 <b>oil resistance:</b> IEC 60811-2-1- 10 (HD 505-2-1) <b>fire resistance:</b> IEC 60332-1 <b>use:</b> Low voltage directive 73/23 and 93/68 EEC

Cavi per saldatura ad arco di tensione nominale 100/100 V utilizzati per i collegamenti tra la fonte di energia per la saldatura industriale ed il supporto dell'elettrodo ed i pezzi da saldare. E' un cavo armonizzato, conforme alla normativa italiana CEI 20/19/6. La speciale gomma EM5 con cui è realizzato lo rende specifico alla posa mobile in condizioni gravose, all'applicazione in catene di montaggio, in ambienti industriali in genere oltre che resistente al freddo, agli agenti tipici di una posa in esterni tra cui i raggi UV, al fuoco ed all'olio in accordo alle normative citate.

Arc welding cables for rated voltage 100/100 V used for connections between the power source for industrial welding and electrode support and workpieces. It 's a harmonized cable, complies with IEC Italian 20/19/6 standard. The special rubber EM5 used for insulation makes the cable specifically suitable for mobile installations in harsh conditions, assembly line, general industrial environments and makes it resistant to cold, weather including UV rays, fire and oil according to the standards cited in datasheet.



Code	Conductor nominal cross-sectional area [mm <sup>2</sup> ]	Maximum diameter wire [mm]	Maximum resistance of conductor at 20°C [l/kg]	Capacity of conductor at 60% duty cycle [A]	Overall diameter		Copper weight
					Min [mm]	Max [mm]	
<b>2L01D</b>	10	0,21	1,91	175	7,70	9,70	96
<b>2L01E</b>	16	0,21	1,21	175	8,80	11,00	153,6
<b>2L01F</b>	25	0,21	0,78	230	10,10	12,70	240
<b>2L01G</b>	35	0,21	0,55	290	11,40	14,20	336
<b>2L01H</b>	50	0,21	0,39	365	13,20	16,50	480
<b>2L01J</b>	70	0,21	0,27	460	15,30	19,20	672
<b>2L01K</b>	95	0,21	0,21	560	17,10	21,40	912
<b>2L01L</b>	120	0,51	0,16	650	19,20	24,00	1152