



## EXTRA-FLEXIBLE RUBBER WELDING CABLE

EN 50525-2-81

11 orderable sizes

STANDARD <b>EN 50525-2-81</b>	VOLTAGE CLASS <b>100/100 V welding lead</b>	TEMPERATURE CLASS <b>Flexible welding lead service by duty cycle</b>
CONDUCTOR <b>Class 5 flexible copper conductor</b>	INSULATION / JACKET <b>Oil and abrasion resistant rubber welding sheath</b>	

### Construction

- 1** ■ **Conductor** – Class 5 flexible copper conductor · 1221 × Ø0.5 mm · IEC 60228 cl.5
- 2** ■ **Insulation** – EPR or rubber welding insulation

### Size selection — all available cross-sections

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
<b>H01N2-D 100/100 V welding lead 1 core 10 mm<sup>2</sup></b>	Welding machine to electrode holder	1 core	10 mm <sup>2</sup>	1.83 Ω/km	14.9 mm	0.25 kg/m	6 x OD flexible welding guide
<b>H01N2-D 100/100 V welding lead 1 core 16 mm<sup>2</sup></b>	Welding machine to electrode holder	1 core	16 mm <sup>2</sup>	1.15 Ω/km	16.6 mm	0.33 kg/m	6 x OD flexible welding guide
<b>H01N2-D 100/100 V welding lead 1 core 25 mm<sup>2</sup></b>	Welding machine to electrode holder	1 core	25 mm <sup>2</sup>	0.727 Ω/km	18.6 mm	0.45 kg/m	6 x OD flexible welding guide
<b>H01N2-D 100/100 V welding lead 1 core 35 mm<sup>2</sup></b>	Welding machine to electrode holder	1 core	35 mm <sup>2</sup>	0.524 Ω/km	20.4 mm	0.57 kg/m	6 x OD flexible welding guide
<b>H01N2-D 100/100 V welding lead 1 core 50 mm<sup>2</sup></b>	Welding machine to electrode holder	1 core	50 mm <sup>2</sup>	0.387 Ω/km	22.7 mm	0.77 kg/m	6 x OD flexible welding guide
<b>H01N2-D 100/100 V welding lead 1 core 70 mm<sup>2</sup></b>	Welding machine to	1 core	70 mm <sup>2</sup>	0.268 Ω/km	25.3 mm	1.03 kg/m	6 x OD flexible

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
70 mm <sup>2</sup>	electrode holder						welding guide
H01N2-D 100/100 V welding lead 1 core 95 mm <sup>2</sup>	Welding machine to electrode holder	1 core	95 mm <sup>2</sup>	0.193 Ω/km	28.1 mm	1.35 kg/m	6 x OD flexible welding guide
H01N2-D 100/100 V welding lead 1 core 120 mm <sup>2</sup>	Welding machine to electrode holder	1 core	120 mm <sup>2</sup>	0.153 Ω/km	30.5 mm	1.68 kg/m	6 x OD flexible welding guide
H01N2-D 100/100 V welding lead 1 core 150 mm <sup>2</sup>	Welding machine to electrode holder	1 core	150 mm <sup>2</sup>	0.123 Ω/km	33.1 mm	2.07 kg/m	6 x OD flexible welding guide
H01N2-D 100/100 V welding lead 1 core 185 mm <sup>2</sup>	Welding machine to electrode holder	1 core	185 mm <sup>2</sup>	0.100 Ω/km	35.8 mm	2.52 kg/m	6 x OD flexible welding guide
H01N2-D 100/100 V welding lead 1 core 240 mm <sup>2</sup>	Welding machine to electrode holder	1 core	240 mm <sup>2</sup>	0.077 Ω/km	39.6 mm	3.24 kg/m	6 x OD flexible welding guide

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