



**HEAVY-DUTY RUBBER WELDING CABLE**

VDE 0282 / EN 50525-2-81 reference

9 orderable sizes

<b>STANDARD</b> VDE 0282 / EN 50525-2-81 reference	<b>VOLTAGE CLASS</b> 100/100 V	<b>TEMPERATURE CLASS</b> -20 °C to +85 °C flexible service guide
<b>CONDUCTOR</b> Extra flexible copper welding conductor	<b>INSULATION / JACKET</b> Heavy-duty EM5 rubber welding sheath	

**Construction**

- 1** ■ **Conductor** – Extra flexible copper welding conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2** ■ **Insulation** – Heavy-duty rubber welding insulation

**Size selection — all available cross-sections**

Cable reference	Welding duty	Conductor size	AWG / kcmil guide	Max DC resistance at 20 °C	OD guide	Cable weight	Welding current guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 16 mm <sup>2</sup>	Heavy-duty welding lead	16 mm <sup>2</sup>	6 AWG	1.15 Ω/km	13.1–14.1 mm	0.30 kg/m	110–150 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 25 mm <sup>2</sup>	Heavy-duty welding lead	25 mm <sup>2</sup>	4 AWG	0.727 Ω/km	14.6–15.6 mm	0.40 kg/m	150–200 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 35 mm <sup>2</sup>	Heavy-duty welding lead	35 mm <sup>2</sup>	2 AWG	0.524 Ω/km	15.9–16.9 mm	0.51 kg/m	200–260 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 50 mm <sup>2</sup>	Heavy-duty welding lead	50 mm <sup>2</sup>	1/0 AWG	0.387 Ω/km	17.6–18.6 mm	0.67 kg/m	250–330 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 70 mm <sup>2</sup>	Heavy-duty welding lead	70 mm <sup>2</sup>	2/0 AWG	0.268 Ω/km	19.4–20.4 mm	0.89 kg/m	320–420 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 95 mm <sup>2</sup>	Heavy-duty welding lead	95 mm <sup>2</sup>	3/0 AWG	0.193 Ω/km	21.4–22.4 mm	1.16 kg/m	400–520 A guide
NSLFFOU 100/100 V Heavy-duty welding lead 1 core 120 mm <sup>2</sup>	Heavy-duty welding lead	120 mm <sup>2</sup>	250 kcmil	0.153 Ω/km	23.2–24.2 mm	1.43 kg/m	500–620 A guide

Cable reference	Welding duty	Conductor size	AWG / kcmil guide	Max DC resistance at 20 °C	OD guide	Cable weight	Welding current guide
<b>NSLFFOU 100/100 V Heavy-duty welding lead 1 core 150 mm<sup>2</sup></b>	Heavy-duty welding lead	150 mm <sup>2</sup>	300 kcmil	0.123 Ω/km	25.1–26.1 mm	1.75 kg/m	600–730 A guide
<b>NSLFFOU 100/100 V Heavy-duty welding lead 1 core 185 mm<sup>2</sup></b>	Heavy-duty welding lead	185 mm <sup>2</sup>	350 kcmil	0.100 Ω/km	27.0–28.0 mm	2.13 kg/m	700–850 A guide

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