

## Data sheet for Amoflex 70mm<sup>2</sup>

### Application

Extra flexible single insulated cable

Art. No:

274

Construction:

EN 50363,3

### 70mm<sup>2</sup> Copper conductor acc. to IEC 60228,6

Properties	Nominal Value	Unit
Wire in Conductor, Approx.	2044-2050	pcs
Wire diameter	0,30	mm
Resistance, max at 20°C.	0,272	Ω/km
Copper weight	672	Kg/km

### Insulation of 70mm<sup>2</sup> conductor acc. to EN 50363,3

Properties	Nominal Value	Unit
Material	PVC EP 54	
Temperature range	-45 to +70	°C
Nom. Wall thickness	1,4	mm
Nom. Outer diameter	14,3 ± 1,0	mm
Color	Customer choice	

### Specific properties

Properties	Nominal Value	Unit
Voltage range U <sub>0</sub> /U	60	V
Test voltage sparktest	11	kV
Current rating, in open air 30° ambient	281	A
Flame properties	IEC 60332-1-2	
Marking	AMO CE	
RoHS directive	Pass	
Bending radius, fixed	42,9	mm
Bending radius, flex	85,8	mm

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