

## Data sheet for Amoflex 35mm<sup>2</sup>

### Application

Extra flexible single insulated cable.

Art. No: 272

Construction: EN 50363,3

### 35mm<sup>2</sup> Copper conductor acc. to IEC 60228,6

Properties	Nominal Value	Unit
Wire in Conductor, Approx.	1008-1029	pcs
Wire diameter	0,20	mm
Resistance, max at 20°C.	0,554	Ω/km
Copper weight	336	Kg/km

### Insulation of 35mm<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	1,2	mm
Nom. Outer diameter	10,40 ± 1,0	mm
Color	Customer choice	

### Specific properties

Properties	Nominal Value	Unit
Voltage range U <sub>0</sub> /U	60	V
Test voltage sparktest	10	kV
Current rating, in open air 30° ambient	181	A
Flame properties	IEC 60332-1-2	
Marking	AMO CE	
RoHS directive	Pass	
Bending radius, fixed	31,2	mm
Bending radius, flex	62,4	mm

2022-01-24