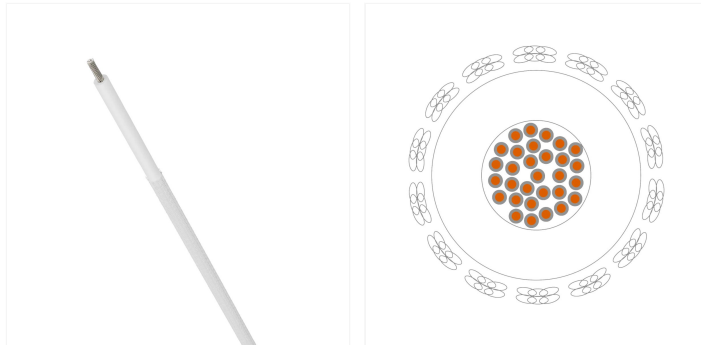


**ÖLFLEX® HEAT 180 SiF/GL 1X10****Article No.:** 0065109Single conductor; 1X10; white;  $U_0/U$ : 300/500 V; Silicone; -50°C - 180°C; Fixed Installation**Details****Notes**

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

**Remarks**

Adequate ventilation must be ensured, since the mechanical properties of silicone cables prematurely decrease from +100°C in the absence of air

**Technical Data****General information**

Brand

ÖLFLEX®

Product type	Single conductor
Copper index	645 lb/10000 ft

### Electrical parameters

Nominal voltage	$U_0/U$ : 300/500 V AC rms according to IEC
test voltage	2 kV

### Product design

Cable dimension	1X10
Nominal cross section conductor (mm <sup>2</sup> )	10 mm <sup>2</sup>
Conductor material	Tin-plated Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Nominal outer diameter	0.299 in
Cable form	Round
Core insulation base material	Silicone
Single core color	white
Single conductor identification	Single-colored

### Product features

Application area	Fixed Installation
Minimum bending radius, stationary	6 x outer diameter
Minimum bending radius in inch, fixed installation	1.795 in
Minimum bending radius, occasionally moved	15 x outer diameter
Temperature, fixed installation	-50 °C to 180 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
Halogenfree	Yes
Halogen-free according to	IEC 60754-1

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Oil resistant	Yes
PWIS-free	No
Water resistant	No

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**Certifications and standards**

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭС N RU Д-DE.АЮ64.В.00130/20
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No

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**ÖLFLEX® HEAT 180 SiF/GL**

Article No.	Name	Nominal cross section conductor (mm <sup>2</sup> )	Single core color	Nominal conductor diameter	Copper index
0065103	ÖLFLEX® HEAT 180 SiF/GL 1X0,75	0.75 mm <sup>2</sup>	white		48.4 lb/10000 ft
0065104	ÖLFLEX® HEAT 180 SiF/GL 1X1	1 mm <sup>2</sup>	white		64.5 lb/10000 ft
0065105	ÖLFLEX® HEAT 180 SiF/GL 1X1,5	1.5 mm <sup>2</sup>	white		96.8 lb/10000 ft
0065106	ÖLFLEX® HEAT 180 SiF/GL 1X2,5	2.5 mm <sup>2</sup>	white		161.3 lb/10000 ft
0065107	ÖLFLEX® HEAT 180 SiF/GL 1X4	4 mm <sup>2</sup>	white		255.32 lb/10000 ft
0065108	ÖLFLEX® HEAT 180 SiF/GL 1X6	6 mm <sup>2</sup>	white		389.7 lb/10000 ft
0065109	ÖLFLEX® HEAT 180 SiF/GL 1X10	10 mm <sup>2</sup>	white		645 lb/10000 ft
0065110	ÖLFLEX® HEAT 180 SiF/GL 1X16	16 mm <sup>2</sup>	white		1034.72 lb/10000 ft
0065111	ÖLFLEX® HEAT 180 SiF/GL 1X25	25 mm <sup>2</sup>	white		1612.6 lb/10000 ft
0065113	ÖLFLEX® HEAT 180 SiF/GL 1X50	50 mm <sup>2</sup>	white		3225.1 lb/10000 ft

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