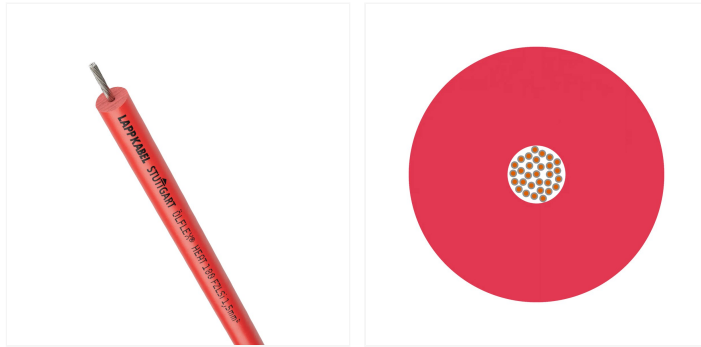


ÖLFLEX® HEAT 180 FZLSi 1X1

Article No.: 2510001

Single conductor; 1X1; red; 10 kV; 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 (+212°F) in the absence of air

Technical Data

General information

Brand	ÖLFLEX®
Product type	Single conductor
Copper index	64.5 lb/10000 ft

Electrical parameters

Nominal voltage	10 kV AC rms according to IEC
test voltage	20 kV

Product design

Cable dimension	1X1
Nominal cross section conductor (mm ²)	1 mm ²
Conductor material	Tin-plated Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Nominal outer diameter	0.276 in
Cable form	Round
Core insulation base material	Silicone
Single core color	red
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	1.654 in
Minimum bending radius with careful bending	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
Oil resistant	Yes
PWIS-free	No
Water resistant	No

Certifications and standards

CE marking	No
EAC certified	Yes
EAC certification number	C-DE.A1064.B.00894
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No

ÖLFLEX® HEAT 180 FZLSi

Article No.	Name	Nominal cross section conductor (mm ²)	Nominal conductor diameter	Copper index
2510001	ÖLFLEX® HEAT 180 FZLSi 1X1	1 mm ²		64.5 lb/10000 ft
2510005	ÖLFLEX® HEAT 180 FZLSi 1X1,5	1.5 mm ²		96.8 lb/10000 ft

V1.1