

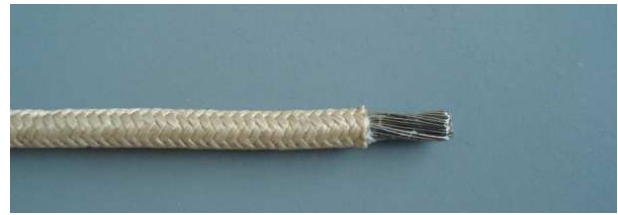
# DESCAFLEX Ni-300/350

0,50 mm<sup>2</sup> - 16,00 mm<sup>2</sup>

Stranded wires in pure Nickel, fiberglass insulated 300°C / 350°C

## Application

Special stranded wires for use in high-temperature applications in dry or humid environment such as connecting wires for heating resistors, etc..



## Construction

Pure nickel conductors consisting of wires  $\varnothing$  0.25 mm ( $\leq$  1.00 mm<sup>2</sup>) respectively  $\varnothing$  0.30 mm ( $\geq$  1.50 mm<sup>2</sup>)  
Conductor insulation fiberglass lapping PTFE impregnated  
Second insulation fiberglass braid PTFE impregnated  
Color hazel respectively hazel with black thread

## Special Characteristics

Insulation with several layers, which are protected by a treated fiber glass complex. The insulation is fully impregnated with sintered PTFE, so the wires have a good resistance to humidity.

## Technical Properties

Rated voltage U<sub>o</sub>/U 300 / 500 V  
Test voltage 2000 V  
Breakdown voltage > 3000 V  
Temperature range - 50°C ... +300°C (short-term + 350°C)  
Minimum bending radius 6 x outer diameter

## Standards / Approvals

EN 50525 - EN 50395 - EN 50396

Cross section mm <sup>2</sup>	Overall-Ø ca. mm	Metal kg/km	Weight kg/km
0,50	2.10	4.80	9.30
0,50	2.10	4.80	9.30
0,75	2.60	7.20	13.60
0,75	2.60	7.20	13.60
1,00	2.80	9.60	15.50
1,00	2.80	9.60	15.50
1,50	2.90	14.40	22.50
1,50	2.90	14.40	22.50
2,00	3.10	19.20	26.30
2,00	3.10	19.20	26.30
2,50	3.40	24.00	31.60
2,50	3.40	24.00	31.60
4,00	4.90	38.40	53.80
4,00	4.90	38.40	53.80
6,00	5.50	57.60	72.50
6,00	5.50	57.60	72.50
10,00	6.70	96.00	116.70
10,00	6.70	96.00	116.70
16,00	7.70	153.60	173.00
16,00	7.70	153.60	173.00

Packaging
Coil 100 m
Spool
Coil 100 m
Spool
Coil 100 m
Spool
Coil 100 m
Spool
Coil 100 m
Spool
Coil 100 m
Spool
Coil 100 m
Spool
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Spool

Colour code see next page

on request

other packaging

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Color code			
<b>0,50 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128160		128165
Spool	128161		128166
<b>0,75 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128170		128175
Spool	128171		128176
<b>1,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128180		128185
Spool	128181		128186
<b>1,50 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128190		128195
Spool	128191		128196
<b>2,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128200		128205
Spool	128201		128206
<b>2,50 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128210		128215
Spool	128211		128216
<b>4,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128220		128225
Spool	128221		128226
<b>6,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128230		128235
Spool	128231		128236
<b>10,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128240		128245
Spool	128241		128246
<b>16,00 mm<sup>2</sup></b>	hazel		hazel with black thread
Coil 100 m	128250		128255
Spool	128251		128256

on request

other packaging