

DESCAFLEX Ni-450

0,25 mm² - 50,00 mm²

Stranded wires in pure Nickel fibreglass insulated 450°C

Application

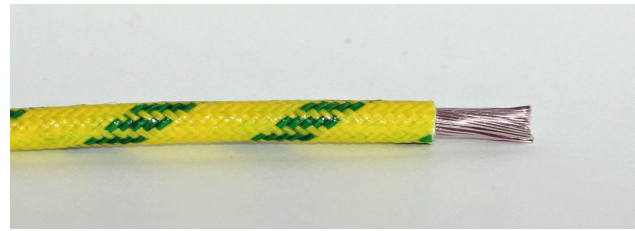
Special stranded wires for use in high-temperature applications in dry or humid environment such as connecting wires for heating resistors, etc..

Construction

Flexible pure Nickel conductors
Insulation Silicon impregnated coated fibreglass wrapping
and Silicon impregnated coated mineral fibre braid

Special Characteristics

Pure nickel conductors consisting of 0.30 mm wires. Insulation with several layers, which are protected by a treated fibreglass and mineral fibres complex. The insulation is fully impregnated with silicone rubber, so the wires are well protected against moisture.



Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 V
Temperature range	- 50°C ... + 450°C
Minimum bending radius	6 x outer diameter

Cross section mm ²	Overall-Ø ca. mm	Metal kg/km	Weight kg/km
0,25	2.20	2.40	6.50
0,50	2.50	4.80	8.70
0,75	2.70	7.20	11.90
1,00	3.20	9.60	14.50
1,50	3.40	14.40	20.50
2,50	4.00	24.00	32.20
4,00	4.50	38.40	50.00
6,00	5.30	57.60	72.30
10,00	8.00	96.00	130.00
16,00	9.40	153.60	206.00
25,00	10.60	240.00	323.00
35,00	13.40	336.00	423.00
50,00	14.00	480.00	590.00

Packaging	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 100 m	
Coil 50 m	
Coil 50 m	
Coil 50 m	

Colour code see next page

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Colour code								
0,25 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120570	120572	120574	120576	120578	120580	120582	120584
0,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120590	120592	120594	120596	120598	120600	120602	120604
0,75 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120618	120612	120614	120616	120610	120620	120622	120624
1,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120630	120636	120634	120640	120638	120642	120632	120644
1,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120650	120654	120652	120656	120658	120660	120662	120664
2,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120672	120674	120676	120678	120670	120680	120682	120684
4,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120690	120692	120694	120696	120698	120700	120702	120704
6,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120710	120712	120714	120716	120718	120720	120722	120724
10,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120730	120732	120734	120736	120738	120740	120742	120744
16,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 50 m	120752	120754	120756	120758	120760	120750	120762	120764
25,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 50 m	120770	120772	120774	120776	120778	120780	120782	120784
35,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 50 m	120790	120792	120794	120796	120798	120800	120802	120804
50,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 50 m	120810	120812	120814	120816	120818	120820	120822	120824