

DESCAFLEX SIL-180

0,25 mm² - 25,00 mm²

Stranded wires silicone rubber 180°C

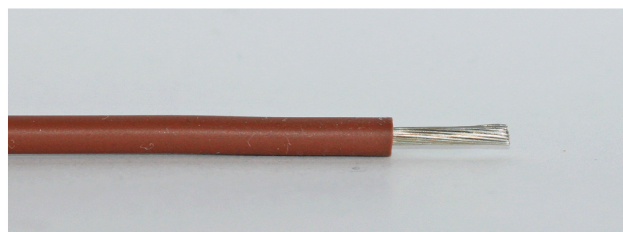
Application

Because of the excellent cold and heat resistance of the silicone rubber insulation, these wires are suitable for the wiring of heating and cooling appliances, power electronic equipments, etc..

A very economical processing of the wires allows the packaging in barrels. They are stackable and feature easy handling and low weight.

Construction

Flexible tinned copper conductors, acc. to IEC 60228, class 5
Insulation silicone rubber insulation



Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 V
Temperature range	- 50°C ... + 180°C
Minimum bending radius	6 x outer diameter

Cross section mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
0,25	1.60	2.40	5.40
0,35	1.80	3.30	6.50
0,50	2.10	4.80	9.10
0,50	2.10	4.80	9.10
0,75	2.40	7.20	12.60
0,75	2.40	7.20	12.60
1,00	2.50	9.60	15.10
1,00	2.50	9.60	15.10
1,50	2.80	14.40	20.40
1,50	2.80	14.40	20.40
2,50	3.40	24.00	32.60
2,50	3.40	24.00	32.60
4,00	4.20	38.40	50.00
4,00	4.20	38.40	50.00
6,00	5.20	57.60	74.50
6,00	5.20	57.60	74.50
10,00	6.50	96.00	125.00
16,00	8.00	153.60	196.00
25,00	9.80	240.00	308.50

Packaging	Dimension
Barrel 6500 m	400 x 400 x 400 mm
Barrel 5000 m	400 x 400 x 400 mm
Spool 100 m	200 x 100 x Centre 60 mm
Barrel 4000 m	400 x 400 x 400 mm
Spool 100 m	200 x 100 x Centre 60 mm
Barrel 3000 m	400 x 400 x 400 mm
Spool 100 m	200 x 100 x Centre 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 100 m	200 x 100 x Centre 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 100 m	200 x 100 x Centre 60 mm
Barrel 1500 m	400 x 400 x 400 mm
Coil 100 m	
Barrel 1000 m	400 x 400 x 400 mm
Coil 100 m	
Barrel 700 m	400 x 400 x 400 mm
Coil 100 m	
Coil 100 m	
Coil 50 m	

Colour code see next page

on request

in bigger barrels 400 x 400 x 640 mm or on bigger spools
other strandings (bare copper, nickel plated copper), versions with UL/CSA approval (for ex. UL Style 3367, 3135, etc.)

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Colour code								
0,25 mm²	black	blue	green-yellow	brown	grey	red	white	green
Barrel 6500 m	119062	119070	119064	119066	119068	119072	119074	119076
	orange	violet	yellow	rose				
	119078	119080	119082	119084				
0,34 mm²	black	blue	green-yellow	brown	grey	red	white	green
Barrel 5000 m	119092	119117	119102	119107	119112	119122	119127	119132
	orange	violet	yellow	rose				
Barrel 5000 m	119137	119142	119147	119152				
0,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119180	119205	119190	119195	119200	119210	119215	119220
Barrel 4000 m	119182	119207	119192	119197	119202	119212	119217	119222
	orange	violet	yellow	rose				
Spool 100 m	119225	119230	119235	119240				
Barrel 4000 m	119227	119232	119237	119242				
0,75 mm²	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119270	119295	119280	119285	119290	119300	119305	119310
Barrel 3000 m	119272	119297	119282	119287	119292	119302	119307	119312
	orange	violet	yellow	rose				
Spool 100 m	119315	119320	119325	119330				
Barrel 3000 m	119317	119322	119327	119332				
1,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119360	119385	119370	119375	119380	119390	119395	119400
Barrel 2500 m	119362	119387	119372	119377	119382	119392	119397	119402
	orange	violet	yellow	rose				
Spool 100 m	119405	119410	119415	119420				
Barrel 2500 m	119407	119412	119417	119422				
1,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119450	119475	119460	119465	119470	119480	119485	119490
Barrel 2000 m	119452	119477	119462	119467	119472	119482	119487	119492
	orange	violet	yellow	rose				
Spool 100 m	119495	119500	119505	119510				
Barrel 2000 m	119497	119502	119507	119512				
2,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119540	119565	119550	119555	119560	119570	119575	119580
Barrel 1500 m	119542	119567	119552	119557	119562	119572	119577	119582
	orange	violet	yellow	rose				
Spool 100 m	119585	119590	119595	119600				
Barrel 1500 m	119587	119592	119597	119602				
4,00 mm²	black	blue	green-yellow	brown	grey			
Coil 100 m	119630	119650	119638	119642	119646			
Barrel 1000 m	119632	119652	119640	119644	119648			
6,00 mm²	black	blue	green-yellow	brown	grey			
Coil 100 m	119675	119695	119683	119687	119691			
Barrel 700 m	119677	119697	119685	119689	119693			
10,00 mm²	black	blue	green-yellow	brown	grey			
Coil 100 m	119720	119722	119724	119726	119728			
16,00 mm²	black	blue	green-yellow	brown	grey			
Coil 100 m	119740	119742	119744	119746	119748			
25,00 mm²	black	blue	green-yellow	brown	grey			
	119760	119765	119762	119763	119764			

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