

# DESCAFLEX SIL-180 HAR

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

Stranded wires silicone rubber 180°C H05S-K

## 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



## Technical Properties

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

## Standards / Approvals

from 0,50 mm<sup>2</sup> H05S-K HAR

Cross section mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
0,50	2.50	4.80	10.00
0,50	2.50	4.80	10.00
0,75	2.80	7.20	13.00
0,75	2.80	7.20	13.00
1,00	2.90	9.60	17.00
1,00	2.90	9.60	17.00
1,50	3.40	14.40	22.00
1,50	3.40	14.40	22.00
2,50	4.00	24.00	35.00
2,50	4.00	24.00	35.00

Packaging	Dimension
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 1500 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 1000 m	400 x 400 x 400 mm

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.)

# DESCAFLEX SIL-180 HAR

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

Stranded wires silicone rubber 180°C H05S-K

Colour code								
<b>0,50 mm<sup>2</sup></b>	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	118700	118725	118710	118715	118720	118730	118735	118740
Barrel 2500 m	118702	118727	118712	118717	118722	118732	118737	118742
	orange	violet	yellow	rose				
Spool 100 m	118745	118750	118755	118760				
Barrel 2500 m	118747	118752	118757	118762				
<b>0,75 mm<sup>2</sup></b>	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	118775	118800	118785	118790	118795	118805	118810	118815
Barrel 2000 m	118777	118802	118787	118792	118797	118807	118812	118817
	orange	violet	yellow	rose				
Spool 100 m	118820	118825	118830	118835				
Barrel 2000 m	118822	118827	118832	118837				
<b>1,00 mm<sup>2</sup></b>	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	118850	118875	118860	118865	118870	118880	118885	118890
Barrel 2000 m	118852	118877	118862	118867	118872	118882	118887	118892
	orange	violet	yellow	rose				
Spool 100 m	118895	118900	118905	118910				
Barrel 2000 m	118897	118902	118907	118912				
<b>1,50 mm<sup>2</sup></b>	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	118925	118950	118935	118940	118945	118955	118960	118965
Barrel 1500 m	118927	118952	118937	118942	118947	118957	118962	118967
	orange	violet	yellow	rose				
Spool 100 m	118970	118975	118980	118985				
Barrel 1500 m	118972	118977	118982	118987				
<b>2,50 mm<sup>2</sup></b>	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	119000	119025	119010	119015	119020	119030	119035	119040
Barrel 1000 m	119002	119027	119012	119017	119022	119032	119037	119042
	orange	violet	yellow	rose				
Spool 100 m	119045	119050	119055	119060				
Barrel 1000 m	119047	119052	119057	119062				

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.)