

DESCAFLEX SIL UL-3132

AWG 28 – AWG 16

Stranded wires silicone rubber 150°C 300 V UL/CSA

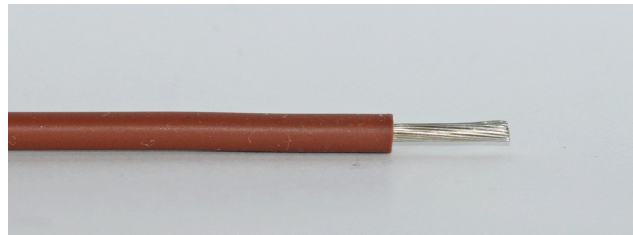
Application

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

Stranded tinned copper conductors
(AWG 28 - AWG 24 n x 0,15 mm, AWG 22 - AWG 18 n x 0,20 mm,
AWG 16 29 x ,0,25 mm)
Insulation silicone rubber



Technical Properties

Working voltage	300 V
Test voltage	2500 V (Spark Test)
Temperature range	- 50°C ... + 150°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

UL	AWM Style 3132	150°C	300 V
CSA	AWM I A/B	150°C	300 V FT2

All packagings are delivered with UL and CSA Labels.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
28	1.20	0.90	2.10
28	1.20	0.90	2.10
26	1.30	1.40	2.80
26	1.30	1.40	2.80
24	1.40	2.20	3.60
24	1.40	2.20	3.60
22	1.60	3.40	5.20
22	1.60	3.40	5.20
20	1.80	6.00	7.30
20	1.80	6.00	7.30
18	2.10	8.30	10.70
18	2.10	8.30	10.70
16	2.40	13.00	15.70
16	2.40	13.00	15.70

Packaging	Dimension
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 6000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 4000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 3500 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 3000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Kern 60 mm
Barrel 1700 m	400 x 400 x 400 mm

Colour code see next page

on request

other strandings (bare copper, nickel plated copper), other colours
versions with other UL/CSA approval (for ex. UL Style 3367, 3135, etc.)
other packagings

Stranded wires silicone rubber 150°C 300 V UL/CSA

Colour code

AWG	black	blue	green-yellow	brown	grey	red	white	green
AWG 28	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125580	125600	125588	125592	125596	125604	125608	125612
Barrel 6000 m	125582	125602	125590	125594	125598	125606	125610	125614
	orange	violet	yellow	rose				
Spool 100 m	125616	125620	125624	125628				
Barrel 6000 m	125618	125622	125626	125630				
AWG 26	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125632	125652	125640	125644	125648	125656	125660	125664
Barrel 4000 m	125634	125654	125642	125646	125650	125658	125662	125666
	orange	violet	yellow	rose				
Spool 100 m	125668	125672	125676	125680				
Barrel 4000 m	125670	125674	125678	125682				
AWG 24	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125684	125704	125692	125696	125700	125708	125712	125716
Barrel 3500 m	125686	125706	125694	125698	125702	125710	125714	125718
	orange	violet	yellow	rose				
Spool 100 m	125720	125724	125728	125732				
Barrel 3500 m	125722	125726	125730	125734				
AWG 22	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125736	125756	125744	125748	125752	125760	125764	125768
Barrel 3000 m	125738	125758	125746	125750	125754	125762	125766	125770
	orange	violet	yellow	rose				
Spool 100 m	125772	125776	125780	125784				
Barrel 3000 m	125774	125778	125782	125786				
AWG 20	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125788	125808	125796	125800	125804	125812	125816	125820
Barrel 2500 m	125790	125810	125798	125802	125806	125814	125818	125822
	orange	violet	yellow	rose				
Spool 100 m	125824	125828	125832	125836				
Barrel 2500 m	125826	125830	125834	125838				
AWG 18	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125840	125860	125848	125852	125856	125864	125868	125872
Barrel 2000 m	125842	125862	125850	125854	125858	125866	125870	125874
	orange	violet	yellow	rose				
Spool 100 m	125876	125880	125884	125888				
Barrel 2000 m	125878	125882	125886	125890				
AWG 16	black	blue	green-yellow	brown	grey	red	white	green
Spool 100 m	125892	125912	125900	125904	125908	125916	125920	125924
Barrel 1700 m	125894	125914	125902	125906	125910	125918	125922	125926
	orange	violet	yellow	rose				
Spool 100 m	125928	125932	125936	125940				
Barrel 1700 m	125930	125934	125938	125942				

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