

DESCAFLEX UL-1007/1569

AWG 28 - AWG 16

Stranded wires PVC 80/105°C 300 V UL/CSA

Application

For internal wiring of electrical and electronic equipments, as interconnecting wire in machine tool construction, in switchboards, 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
Insulation PVC, impregnating and heat-resistant



Technical Properties

Rated voltage U ₀ /U	300 V
Test voltage	3000 V
Temperature range	- 5°C ... + 105°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

UL	AWM 1007, VW-1	300 V	80°C
UL	AWM 1569, VW-1	300 V	105°C
CSA	TR 64	300 V	90°C

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	2.90
28	1.20	0.90	2.90
26	1.45	1.40	3.60
26	1.45	1.40	3.60
24	1.55	2.20	4.00
24	1.55	2.20	4.00
22	1.70	3.40	8.00
22	1.70	3.40	8.00
20	1.90	6.00	9.20
20	1.90	6.00	9.20
18	2.10	8.30	10.70
18	2.10	8.30	10.70
16	2.45	13.00	17.40
16	2.45	13.00	17.40

Packaging	Dimension
Spool 305 m	130 x 60 x Centre 60 mm
Barrel 3000 m	350 x 350 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 3500 m	400 x 400 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 3000 m	400 x 400 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 305 m	200 x 100 x Centre 60 mm
Barrel 1500 m	400 x 400 x 400 mm

Colour code see next page

on request

in bigger barrels 500 x 500 x 800 mm or on bigger spools

Stranded wires PVC 80/105°C 300 V UL/CSA

Colour code								
AWG 28	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115470	115473	115476	115479	115482	115485	115488	115491
Barrel 3000 m	115471	115474	115477	115480	115483	115486	115489	115492
	green	orange	violet	yellow	rose			
Spool 305 m	115494	115497	115500	115503	115506			
Barrel 3000 m	115495	115498	115501	115504	115507			
AWG 26	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115560	115563	115566	115569	115572	115575	115578	115581
Barrel 3500 m	115561	115564	115567	115570	115573	115576	115579	115582
	green	orange	violet	yellow	rose			
Spool 305 m	115584	115587	115590	115593	115596			
Barrel 3500 m	115585	115588	115591	115594	115597			
AWG 24	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115650	115653	115656	115659	115662	115665	115668	115671
Barrel 3000 m	115651	115654	115657	115660	115663	115666	115669	115672
	green	orange	violet	yellow	rose			
Spool 305 m	115674	115677	115680	115683	115686			
Barrel 3000 m	115675	115678	115681	115684	115687			
AWG 22	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115740	115743	115746	115749	115752	115755	115758	115761
Barrel 2500 m	115741	115744	115747	115750	115753	115756	115759	115762
	green	orange	violet	yellow	rose			
Spool 305 m	115764	115767	115770	115773	115776			
Barrel 2500 m	115765	115768	115771	115774	115777			
AWG 20	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115830	115833	115836	115839	115842	115845	115848	115851
Barrel 2500 m	115831	115834	115837	115840	115843	115846	115849	115852
	green	orange	violet	yellow	rose			
Spool 305 m	115854	115857	115860	115863	115866			
Barrel 2500 m	115855	115858	115861	115864	115867			
AWG 18	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	115920	115923	115926	115929	115932	115935	115938	115941
Barrel 2000 m	115921	115924	115927	115930	115933	115936	115939	115942
	green	orange	violet	yellow	rose			
Spool 305 m	115944	115947	115950	115953	115956			
Barrel 2000 m	115945	115948	115951	115954	115957			
AWG 16	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	116010	116013	116016	116019	116022	116025	116028	116031
Barrel 1500 m	116011	116014	116017	116020	116023	116026	116029	116032
	green	orange	violet	yellow	rose			
Spool 305 m	116034	116037	116040	116043	116046			
Barrel 1500 m	116035	116038	116041	116044	116047			

on request

in bigger barrels 500 x 500 x 800 mm or on bigger spools