

DESCAFLEX ETFE-105 UL-1517

AWG 32 - AWG 20

Stranded wires Tefzel ETFE UL 1517 105°C n.s. CSA

Application

Approved stranded wire for the internal wiring of electronic and electrical equipments and in many other applications and in an environment that demands high electrical, thermal and mechanical performances.

Construction

Conductor 7-strands respectively 19-strands, tinned copper
Insulation Tefzel ETFE

Special features

The stranded wires have an excellent resistance to chemicals, oil and gasoline. The behavior against environmental influences such as ozone, UV radiation, humidity and high temperature fluctuations is excellent. The stranded wires are non-flammable and environmentally neutral.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
32/7	0.54	0.34	0.73
30/7	0.59	0.52	1.00
28/7	0.70	0.90	1.35
26/7	0.80	1.40	1.90
26/19	0.80	1.40	1.90
24/7	0.92	2.20	2.80
24/19	0.92	2.20	2.80
22/7	1.10	3.40	4.10
22/19	1.10	3.40	4.10
20/7	1.35	6.00	6.30
20/19	1.35	6.00	6.30

Colour code see next page



Technical Properties

Operating voltage	unspecified
Temperature range	- 55°C ... + 105°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

UL AWM Style 1517 105°C n.s. VW-1
CSA AWM I A/B 150°C n.s. FT1

Packaging	Lengths
Spools	152 m, 305 m or different
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On request

other colours and colour combinations

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
32/7	158965	158966	158967	158968	158969	158971	158972	158973	158974	158975	158976	158977
30/7	158980	158981	158982	158983	158984	158986	158987	158988	158989	158990	158991	158992
28/7	158995	158996	158997	158998	158999	159001	159002	159003	159004	159005	159006	159007
26/7	159010	159011	159012	159013	159014	159016	159017	159018	159019	159020	159021	159022
26/19	159025	159026	159027	159028	159029	159031	159032	159033	159034	159035	159036	159037
24/7	159040	159041	159042	159043	159044	159046	159047	159048	159049	159050	159051	159052
24/19	159055	159056	159057	159058	159059	159061	159062	159063	159064	159065	159066	159067
22/7	159070	159071	159072	159073	159074	159076	159077	159078	159079	159080	159081	159082
22/19	159085	159086	159087	159088	159089	159091	159092	159093	159094	159095	159096	159097
20/7	159100	159101	159102	159103	159104	159106	159107	159108	159109	159110	159111	159112
20/19	159115	159116	159117	159118	159119	159121	159122	159123	159124	159125	159126	159127

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other colours and colour combinations