

DESCAFLEX ETFE-105 UL-1523

AWG 32 - AWG 20

Stranded wires Tefzel ETFE UL 1523 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	0.51	0.34	0.90
30/7	0.56	0.52	1.00
28/7	0.63	0.90	1.60
26/7	0.71	1.40	2.10
26/19	0.71	1.40	2.10
24/7	0.82	2.20	3.20
24/19	0.82	2.20	3.20
22/7	0.95	3.40	4.10
22/19	0.95	3.40	4.10
20/7	1.12	6.00	6.80
20/19	1.12	6.00	6.80

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 1523 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	159130	159131	159132	159133	159134	159136	159137	159138	159139	159140	159141	159142
30/7	159145	159146	159147	159148	159149	159151	159152	159153	159154	159155	159156	159157
28/7	159160	159161	159162	159163	159164	159166	159167	159168	159169	159170	159171	159172
26/7	159175	159176	159177	159178	159179	159181	159182	159183	159184	159185	159186	159187
26/19	159190	159191	159192	159193	159194	159196	159197	159198	159199	159200	159201	159202
24/7	159205	159206	159207	159208	159209	159211	159212	159213	159214	159215	159216	159217
24/19	159220	159221	159222	159223	159224	159226	159227	159228	159229	159230	159231	159232
22/7	159235	159236	159237	159238	159239	159241	159242	159243	159244	159245	159246	159247
22/19	159250	159251	159252	159253	159254	159256	159257	159258	159259	159260	159261	159262
20/7	159265	159266	159267	159268	159269	159271	159272	159273	159274	159275	159276	159277
20/19	159280	159281	159282	159283	159284	159286	159287	159288	159289	159290	159291	159292

On request

other colours and colour combinations