

Stranded wires Tefzel ETFE MIL-W-22759/33 (SAE AS22759) 200°C 600 V

Application

Stranded wire in the aerospace and military technology and in other applications, where a reduced weight, reduced diameters and a high flexibility are required.



Construction

Conductor 7-strands respectively 19-strands,
Silver plated copper alloy
Insulation cross-linked 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
30/7	0.60	0.52	1.00
28/7	0.69	0.90	1.30
26/19	0.81	1.40	2.10
24/19	0.94	2.20	3.00
22/19	1.09	3.40	4.10
20/19	1.27	6.00	6.30

Technical Properties

Operating voltage 600 V
Temperature range - 65°C ... + 200°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

MIL-W-22759/33
SAE AS22759/33

Packaging	Lengths
Spools	152 m, 305 m or different
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Colour code see next page

DESCAFLEX ETFE-200 MIL-W-22759/33

AWG 30 - AWG 20

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
30/7	154820	154821	154822	154823	154824	154826	154827	154828	154829	154830	154831	154832
28/7	154835	154836	154837	154838	154839	154841	154842	154843	154844	154845	154846	154847
26/19	154850	154851	154852	154853	154854	154856	154857	154858	154859	154860	154861	154862
24/19	154865	154866	154867	154868	154869	154871	154872	154873	154874	154875	154876	154877
22/19	154880	154881	154882	154883	154884	154886	154887	154888	154889	154890	154891	154892
20/19	154895	154896	154897	154898	154899	154901	154902	154903	154904	154905	154906	154907