

Stranded wires Tefzel ETFE MIL-W-22759/19 (SAE AS22759) 150°C 600 V

Application

Stranded wire in the aerospace and military technology and in other applications, where a reduced weight, tight diameter tolerances and an improved mechanical strength are required.



Construction

Conductor 19-strands, silver plated copper alloy
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
26/19	0.81	1.40	2.20
24/19	0.91	2.20	3.00
22/19	1.09	3.40	4.50
20/19	1.30	6.00	7.20

Technical Properties

Operating voltage	600 V
Temperature range	- 55°C ... + 150°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

MIL-W-22759/19
SAE AS22759/19

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

DESCAFLEX ETFE-150 MIL-W-22759/19

AWG 26 - AWG 20

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
26/19	152690	152691	152692	152693	152694	152696	152697	152698	152699	152700	152701	152702
24/19	152705	152706	152707	152708	152709	152711	152712	152713	152714	152715	152716	152717
22/19	152720	152721	152722	152723	152724	152726	152727	152728	152729	152730	152731	152732
20/19	152735	152736	152737	152738	152739	152741	152742	152743	152744	152745	152746	152747