

Stranded wires Tefzel ETFE MIL-W-22759/44 (SAE AS22759) 200°C 600 V

## Application

Stranded wire with a dual layer insulation 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 (AWG 12 37-strands), Silver plated copper  
Dual layer 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.

## Technical Properties

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

## Standards / Approvals

MIL-W-22759/44  
SAE AS22759/44

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
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
18/19	1.52	8.30	9.50
16/19	1.73	13.00	15.80
14/19	2.16	21.00	23.60
12/37	2.62	33.00	36.50

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

# DESCAFLEX ETFE-200 MIL-W-22759/44

AWG 28 - AWG 12

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
28/7	155450	155451	155452	155453	155454	155456	155457	155458	155459	155460	155461	155462
26/19	155465	155466	155467	155468	155469	155471	155472	155473	155474	155475	155476	155477
24/19	155480	155481	155482	155483	155484	155486	155487	155488	155489	155490	155491	155492
22/19	155495	155496	155497	155498	155499	155501	155502	155503	155504	155505	155506	155507
20/19	155510	155511	155512	155513	155514	155516	155517	155518	155519	155520	155521	155522
18/19	155525	155526	155527	155528	155529	155531	155532	155533	155534	155535	155536	155537
16/19	155540	155541	155542	155543	155544	155546	155547	155548	155549	155550	155551	155552
14/19	155555	155556	155557	155558	155559	155561	155562	155563	155564	155565	155566	155567
12/37	155570	155571	155572	155573	155574	155576	155577	155578	155579	155580	155581	155582