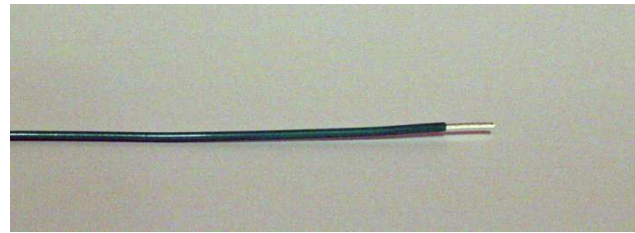


Stranded wires Teflon PTFE MIL-W-22759/12 (SAE AS22759) 260°C 600 V

Application

Stranded wire in the aerospace and military technology, etc. and in an environment that demands high electrical, thermal and mechanical performances.



Construction

Conductor 7-strands respectively 19-strands (AWG 10 37-strands, AWG 8 133-strands), nickel plated copper
Insulation Teflon PTFE

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
28/7	0.84	0.90	1.80
26/19	0.96	1.40	2.50
24/19	1.09	2.20	3.60
22/19	1.25	3.40	4.90
20/19	1.47	6.00	7.60
18/19	1.73	8.30	11.20
16/19	1.90	13.00	14.30
14/19	2.30	21.00	24.30
12/19	2.82	33.00	36.50
10/37	3.53	51.00	67.00
8/133	5.13	83.00	88.00

Technical Properties

Operating voltage 600 V
Temperature range - 55°C ... + 260°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

MIL-W-22759/12
SAE AS22759/12

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

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
28/7	154340	154341	154342	154343	154344	154346	154347	154348	154349	154350	154351	154352
26/19	154355	154356	154357	154358	154359	154361	154362	154363	154364	154365	154366	154367
24/19	154370	154371	154372	154373	154374	154376	154377	154378	154379	154380	154381	154382
22/19	154385	154386	154387	154388	154389	154391	154392	154393	154394	154395	154396	154397
20/19	154400	154401	154402	154403	154404	154406	154407	154408	154409	154410	154411	154412
18/19	154415	154416	154417	154418	154419	154421	154422	154423	154424	154425	154426	154427
16/19	154430	154431	154432	154433	154434	154436	154437	154438	154439	154440	154441	154442
14/19	154445	154446	154447	154448	154449	154451	154452	154453	154454	154455	154456	154457
12/19	154460	154461	154462	154463	154464	154466	154467	154468	154469	154470	154471	154472
10/37	154475	154476	154477	154478	154479	154481	154482	154483	154484	154485	154486	154487
8/133	154490	154491	154492	154493	154494	154496	154497	154498	154499	154500	154501	154502