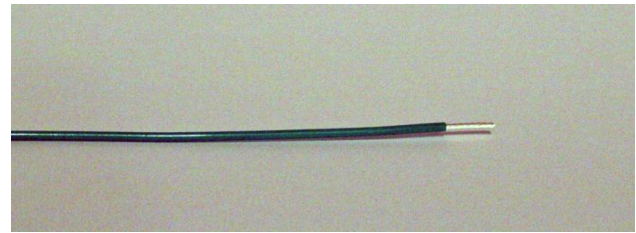


Stranded wires Teflon PTFE MIL-W-22759/9 (SAE AS22759) 200°C 1000 V

## 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), silver 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	1.09	0.90	2.80
26/19	1.22	1.40	3.50
24/19	1.35	2.20	4.60
22/19	1.52	3.40	6.10
20/19	1.73	6.00	8.70
18/19	1.98	8.30	12.00
16/19	2.16	13.00	16.40
14/19	2.54	21.00	24.00
12/19	3.05	33.00	34.70
10/37	3.58	51.00	53.00
8/133	5.25	83.00	98.00

## Technical Properties

Operating voltage 1000 V  
Temperature range - 55°C ... + 200°C  
Minimum bending radius 6 x outer diameter

## Standards / Approvals

MIL-W-22759/9  
SAE AS22759/9

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	154170	154171	154172	154173	154174	154176	154177	154178	154179	154180	154181	154182
26/19	154185	154186	154187	154188	154189	154191	154192	154193	154194	154195	154196	154197
24/19	154200	154201	154202	154203	154204	154206	154207	154208	154209	154210	154211	154212
22/19	154215	154216	154217	154218	154219	154221	154222	154223	154224	154225	154226	154227
20/19	154230	154231	154232	154233	154234	154236	154237	154238	154239	154240	154241	154242
18/19	154245	154246	154247	154248	154249	154251	154252	154253	154254	154255	154256	154257
16/19	154260	154261	154262	154263	154264	154266	154267	154268	154269	154270	154271	154272
14/19	154275	154276	154277	154278	154279	154281	154282	154283	154284	154285	154286	154287
12/19	154290	154291	154292	154293	154294	154296	154297	154298	154299	154300	154301	154302
10/37	154305	154306	154307	154308	154309	154311	154312	154313	154314	154315	154316	154317
8/133	154320	154321	154322	154323	154324	154326	154327	154328	154329	154330	154331	154332