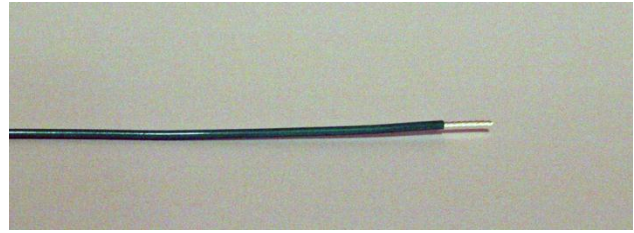


Stranded wires Teflon PTFE MIL-W-22759/8 (SAE AS22759) 260°C 600 V

Application

Stranded wire in the aerospace and military technology, etc. and in an environment that demands high electrical, thermal and mechanical performances. The abrasion resistance of these stranded wires is excellent.



Construction

Conductor 19-strands (AWG 10 37-strands, AWG 8 133-strands),
Nickel plated copper,
Insulation Teflon PTFE mineral filled

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	- 55°C ... + 260°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

MIL-W-22759/8
SAE AS22759/8

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
24/19	1.57	2.20	5.50
22/19	1.85	3.40	7.40
20/19	2.08	6.00	11.00
18/19	2.34	8.30	15.50
16/19	2.59	13.00	19.30
14/19	2.92	21.00	27.00
12/19	3.40	33.00	41.50
10/37	4.00	51.00	60.00
8/133	5.60	83.00	98.00

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
24/19	154030	154031	154032	154033	154034	154036	154037	154038	154039	154040	154041	154042
22/19	154045	154046	154047	154048	154049	154051	154052	154053	154054	154055	154056	154057
20/19	154060	154061	154062	154063	154064	154066	154067	154068	154069	154070	154071	154072
18/19	154075	154076	154077	154078	154079	154081	154082	154083	154084	154085	154086	154087
16/19	154090	154091	154092	154093	154094	154096	154097	154098	154099	154100	154101	154102
14/19	154105	154106	154107	154108	154109	154111	154112	154113	154114	154115	154116	154117
12/19	154120	154121	154122	154123	154124	154126	154127	154128	154129	154130	154131	154132
10/37	154135	154136	154137	154138	154139	154141	154142	154143	154144	154145	154146	154147
8/133	154150	154151	154152	154153	154154	154156	154157	154158	154159	154160	154161	154162