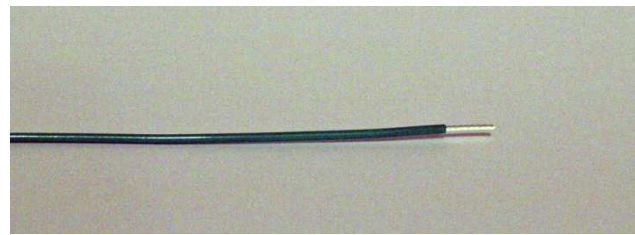


Stranded wires Teflon PTFE MIL-W-22759/22 (SAE AS22759) 200°C 600 V

Application

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



Construction

Conductor 7-strands respectively 19-strands,
Silver plated copper alloy
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	1.90
26/19	0.96	1.40	2.70
24/19	1.09	2.20	3.60
22/19	1.25	3.40	5.30
20/19	1.47	6.00	7.70

Technical Properties

Operating voltage	600 V
Temperature range	- 55°C ... + 200°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

MIL-W-22759/22
SAE AS22759/22

Packaging	Lengths
Spools	152 m, 305 m or different
Spools	152 m, 305 m or different
Spools	152 m, 305 m or different
Spools	152 m, 305 m or different
Spools	152 m, 305 m or different

Colour code see next page

Stranded wires Teflon PTFE MIL-W-22759/22 (SAE AS22759) 200°C 600 V

AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
28/7	154740	154741	154742	154743	154744	154746	154747	154748	154749	154750	154751	154752
26/19	154755	154756	154757	154758	154759	154761	154762	154763	154764	154765	154766	154767
24/19	154770	154771	154772	154773	154774	154776	154777	154778	154779	154780	154781	154782
22/19	154785	154786	154787	154788	154789	154791	154792	154793	154794	154795	154796	154797
20/19	154800	154801	154802	154803	154804	154806	154807	154808	154809	154810	154811	154812