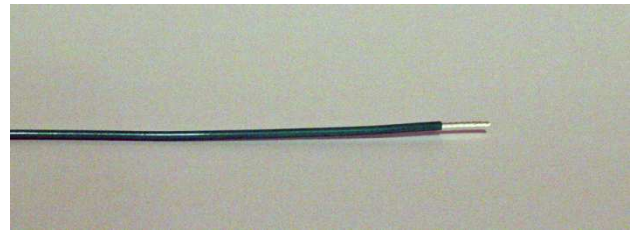


Solid wires Teflon PTFE MIL-W-16878/6 ET (NEMA HP3) 200°C 250 V

Application

Solid wire for the internal wiring of electronic and electrical equipments, of transformer windings, choke- and relay coils, for application in the medical, military and aerospace technology, etc. and in an environment that demands high electrical, thermal and mechanical performances.



Construction

Solid silver plated copper conductors,
Insulation Teflon PTFE

Special features

The solid wires have an excellent resistance to chemicals, oil and gasoline. The behaviour against environmental influences such as ozone, UV radiation, humidity and high temperature fluctuations is excellent. The solid wires are non-flammable and environmentally neutral.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
38/1	0.38	0.08	0.30
36/1	0.40	0.14	0.45
34/1	0.43	0.22	0.50
32/1	0.48	0.34	0.73
30/1	0.53	0.52	1.00
28/1	0.61	0.90	1.35
26/1	0.69	1.40	1.90

Technical Properties

Operating voltage	250 V
Temperature range	- 60°C ... + 200°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

MIL-W-16878/6 (Type ET)
NEMA HP3

Packaging	Lengths
Spools	152 m, 305 m or different
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
38/1	164210	164211	164212	164213	164214	164216	164217	164218	164219	164220	164221	164222
36/1	164225	164226	164227	164228	164229	164231	164232	164233	164234	164235	164236	164237
34/1	164240	164241	164242	164243	164244	164246	164247	164248	164249	164250	164251	164252
32/1	164255	164256	164257	164258	164259	164261	164262	164263	164264	164265	164266	164267
30/1	164270	164271	164272	164273	164274	164276	164277	164278	164279	164280	164281	164282
28/1	164285	164286	164287	164288	164289	164291	164292	164293	164294	164295	164296	164297
26/1	164300	164301	164302	164303	164304	164306	164307	164308	164309	164310	164311	164312