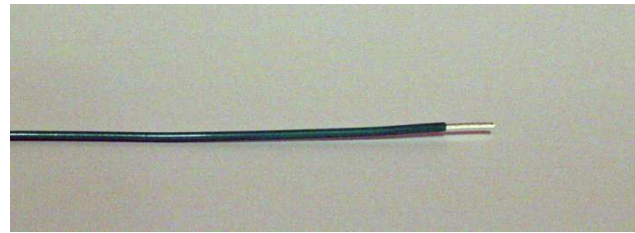


Solid wires PTFE MIL-W-16878/5 EE (NEMA HP3) 200°C 1000 V

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 conductor,
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.

Technical Properties

Operating voltage	1000 V
Temperature range	- 60°C ... + 200°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

MIL-W-16878/5 (Type EE)
NEMA HP3

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
32/1	0.97	0.34	1.80
30/1	1.02	0.52	2.30
28/1	1.09	0.90	2.80
26/1	1.17	1.40	3.50
24/1	1.27	2.20	4.60
22/1	1.41	3.40	6.10
20/1	1.57	6.00	8.70
18/1	1.80	8.30	12.00
16/1	2.10	13.00	17.00

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
32/1	164070	164071	164072	164073	164074	164076	164077	164078	164079	164080	164081	164082
30/1	164085	164086	164087	164088	164089	164091	164092	164093	164094	164095	164096	164097
28/1	164100	164101	164102	164103	164104	164106	164107	164108	164109	164110	164111	164112
26/1	164115	164116	164117	164118	164119	164121	164122	164123	164124	164125	164126	164127
24/1	164130	164131	164132	164133	164134	164136	164137	164138	164139	164140	164141	164142
22/1	164145	164146	164147	164148	164149	164151	164152	164153	164154	164155	164156	164157
20/1	164160	164161	164162	164163	164164	164166	164167	164168	164169	164170	164171	164172
18/1	164175	164176	164177	164178	164179	164181	164182	164183	164184	164185	164186	164187
16/1	164190	164191	164192	164193	164194	164196	164197	164198	164199	164200	164201	164202