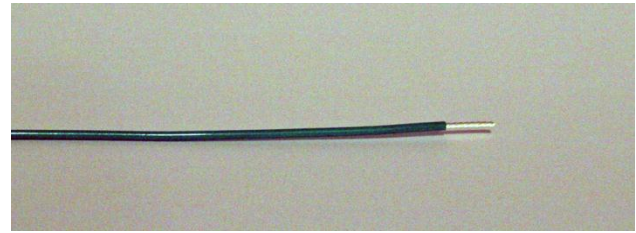


Stranded wires PTFE MIL-W-16878/4 E (NEMA HP3) 200°C 600 V

## Application

Stranded 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

Conductor 7-strands respectively 19-strands (AWG 10 37-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.

## Technical Properties

Operating voltage	600 V
Temperature range	- 60°C ... + 200°C
Minimum bending radius	6 x outer diameter

## Standards / Approvals

MIL-W-16878/4 (Type E)  
NEMA HP3

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
32/7	0.76	0.34	0.90
32/19	0.76	0.34	0.90
30/7	0.81	0.52	1.10
30/19	0.81	0.52	1.10
28/7	0.89	0.90	1.70
28/19	0.89	0.90	1.70
26/7	0.99	1.40	2.30
26/19	0.99	1.40	2.30
24/7	1.09	2.20	3.20
24/19	1.09	2.20	3.20
22/7	1.24	3.40	4.40
22/19	1.24	3.40	4.40
20/7	1.47	6.00	7.00
20/19	1.47	6.00	7.00
18/7	1.75	8.30	10.50
18/19	1.75	8.30	10.50
16/19	2.05	13.00	15.00
14/19	2.40	21.00	23.00
12/19	2.90	33.00	36.00
10/37	3.40	51.00	58.00

Packaging	Lengths
Spools	152 m, 305 m or different
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Colour code see next page

# DESCAFLEX PTFE-200 MIL-W-16878/4

AWG 32 - AWG 10

Stranded wires PTFE MIL-W-16878/4 E (NEMA HP3) 200°C 600 V

AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
32/7	122640	122641	122642	122643	122644	122646	122647	122648	122649	122650	122651	122652
32/19	122660	122661	122662	122663	122664	122666	122667	122668	122669	122670	122671	122672
30/7	122680	122681	122682	122683	122684	122686	122687	122688	122689	122690	122691	122692
30/19	122700	122701	122702	122703	122704	122706	122707	122708	122709	122710	122711	122712
28/7	122720	122721	122722	122723	122724	122726	122727	122728	122729	122730	122731	122732
28/19	122740	122741	122742	122743	122744	122746	122747	122748	122749	122750	122751	122752
26/7	122760	122761	122762	122763	122764	122766	122767	122768	122769	122770	122771	122772
26/19	122780	122781	122782	122783	122784	122786	122787	122788	122789	122790	122791	122792
24/7	122800	122801	122802	122803	122804	122806	122807	122808	122809	122810	122811	122812
24/19	122820	122821	122822	122823	122824	122826	122827	122828	122829	122830	122831	122832
22/7	122840	122841	122842	122843	122844	122846	122847	122848	122849	122850	122851	122852
22/19	122860	122861	122862	122863	122864	122866	122867	122868	122869	122870	122871	122872
20/7	122880	122881	122882	122883	122884	122886	122887	122888	122889	122890	122891	122892
20/19	122900	122901	122902	122903	122904	122906	122907	122908	122909	122910	122911	122912
18/7	122920	122921	122922	122923	122924	122926	122927	122928	122929	122930	122931	122932
18/19	122940	122941	122942	122943	122944	122946	122947	122948	122949	122950	122951	122952
16/19	122960	122961	122962	122963	122964	122966	122967	122968	122969	122970	122971	122972
14/19	122980	122981	122982	122983	122984	122986	122987	122988	122989	122990	122991	122992
12/19	123000	123001	123002	123003	123004	123006	123007	123008	123009	123010	123011	123012
10/19	123020	123021	123022	123023	123024	123026	123027	123028	123029	123030	123031	123032