

Solid wires Teflon FEP MIL-W-16878/11 K (NEMA HP4) 200°C 600 V

## Application

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

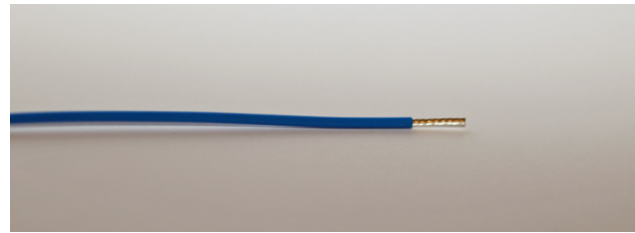
## Construction

Solid silver plated copper conductors  
Insulation Teflon FEP

## 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
32/1	0.71	0.34	0.90
30/1	0.76	0.52	1.10
28/1	0.84	0.90	1.70
26/1	0.92	1.40	2.30
24/1	1.02	2.20	3.20
22/1	1.16	3.40	4.40
20/1	1.32	6.00	7.00



## Technical Properties

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

## Standards / Approvals

MIL-W-16878/11 (Type K)  
NEMA HP4

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

# DESCAFIL FEP-200 MIL-W-16878/11

AWG 32 - AWG 20

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
32/1	164320	164321	164322	164323	164324	164326	164327	164328	164329	164330	164331	164332
30/1	164335	164336	164337	164338	164339	164341	164342	164343	164344	164345	164346	164347
28/1	164350	164351	164352	164353	164354	164356	164357	164358	164359	164360	164361	164362
26/1	164365	164366	164367	164368	164369	164371	164372	164373	164374	164375	164376	164377
24/1	164380	164381	164382	164383	164384	164386	164387	164388	164389	164390	164391	164392
22/1	164395	164396	164397	164398	164399	164401	164402	164403	164404	164405	164406	164407
20/1	164410	164411	164412	164413	164414	164416	164417	164418	164419	164420	164421	164422