

Stranded wires Teflon PTFE UL 1213 105° dual rated MIL-W-16878/4 E

## Application

Approved stranded wire for the internal wiring of electronic and electrical equipments and in many other applications and in an environment that demands high electrical, thermal and mechanical performances.

## Construction

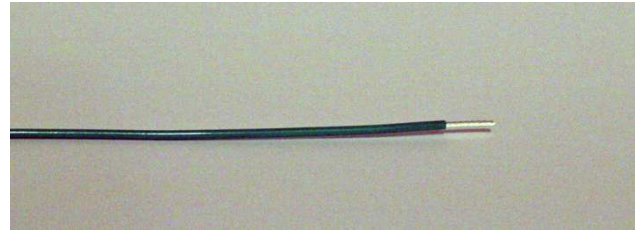
Conductor 7-strands respectively 19-strands, silver plated copper  
Insulation Teflon PTFE

## 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.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
30/7	0.81	0.52	1.10
28/7	0.89	0.90	1.70
26/7	0.97	1.40	2.30
26/19	0.97	1.40	2.30
24/7	1.09	2.20	3.20
24/19	1.09	2.20	3.20
22/7	1.27	3.40	4.40
22/19	1.27	3.40	4.40
20/7	1.47	6.00	7.00
20/19	1.47	6.00	7.00
18/7	1.78	8.30	10.60
18/19	1.78	8.30	10.60
16/19	2.01	13.00	15.50

Colour code see next page



## Technical Properties

Operating voltage	unspecified
nach UL	600 V
nach MIL	
Temperature range	
nach UL	- 60°C ... + 105°C
nach MIL	- 60°C ... + 200°C
Minimum bending radius	6 x outer diameter

## Standards / Approvals

UL AWM Style 1213 105°C VW-1  
MIL-W-16878/4 Type E 200°C 600 V  
dual rated

Packaging	Lengths
Spools	152 m, 305 m or different
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## On request

other colours and colour combinations

# DESCAFLEX PTFE-200 UL-1213

AWG 30 - AWG 16

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
30/7	123620	123621	123622	123623	123624	123626	123627	123628	123629	123630	123631	123632
28/7	123640	123641	123642	123643	123644	123646	123647	123648	123649	123650	123651	123652
26/7	123660	123661	123662	123663	123664	123666	123667	123668	123669	123670	123671	123672
26/19	123680	123681	123682	123683	123684	123686	123687	123688	123689	123690	123691	123692
24/7	123700	123701	123702	123703	123704	123706	123707	123708	123709	123710	123711	123712
24/19	123720	123721	123722	123723	123724	123726	123727	123728	123729	123730	123731	123732
22/7	123740	122741	123742	123743	123744	123746	123747	123748	123749	123750	122751	122752
22/19	123760	123761	123762	123763	123764	123766	123767	123768	123769	123770	123771	123772
20/7	123780	123781	123782	123783	123784	123786	123787	123788	123789	123790	123791	123792
20/19	123800	123801	123802	123803	123804	123806	123807	123808	123809	123810	123811	123812
18/7	166250	166251	166252	166253	166254	166256	166257	166258	166259	166260	166261	166262
18/19	166270	166271	166272	166273	166274	166276	166277	166278	166279	166280	166281	166282
16/19	166290	166291	166292	166293	166294	166296	166297	166298	166299	166300	166301	166302

On request

other colours and colour combinations