

Stranded wires Teflon PTFE UL 1212 80° 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

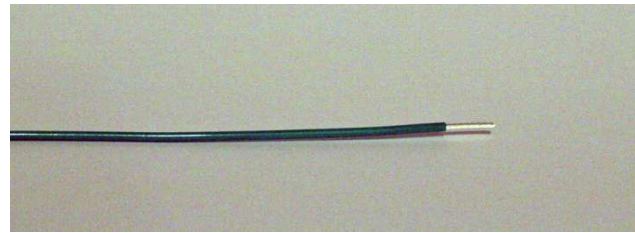
Conductor 7-strands respectively 19-strands, silver plated copper  
Insulation Teflon PTFE

## 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

Colour code see next page



## Technical Properties

Operating voltage	unspecified
nach UL	600 V
nach MIL	
Temperature range	
nach UL	- 60°C ... + 80°C
nach MIL	- 60°C ... + 200°C
Minimum bending radius	6 x outer diameter

## Standards / Approvals

UL AWM Style 1212 80°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-1212

AWG 32 - AWG 20

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
30/7	157630	157631	157632	157633	157634	157636	157637	157638	157639	157640	157641	157642
28/7	157645	157646	157647	157648	157649	157651	157652	157653	157654	157655	157656	157657
26/7	157660	157661	157662	157663	157664	157666	157667	157668	157669	157670	157671	157672
26/19	157675	157676	157677	157678	157679	157681	157682	157683	157684	157685	157686	157687
24/7	157690	157691	157692	157693	157694	157696	157697	157698	157699	157700	157701	157702
24/19	157705	157706	157707	157708	157709	157711	157712	157713	157714	157715	157716	157717
22/7	157720	157721	157722	157723	157724	157726	157727	157728	157729	157730	157731	157732
22/19	157735	157736	157737	157738	157739	157741	157742	157743	157744	157745	157746	157747
20/7	157750	157751	157752	157753	157754	157756	157757	157758	157759	157760	157761	157762
20/19	157765	157766	157767	157768	157769	157771	157772	157773	157774	157775	157776	157777

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other colours and colour combinations