

DESCAFLEX PTFE-150 UL-1198

AWG 28 - AWG 8

Stranded wires Teflon PTFE UL 1198 150°C 600 V CSA

Application

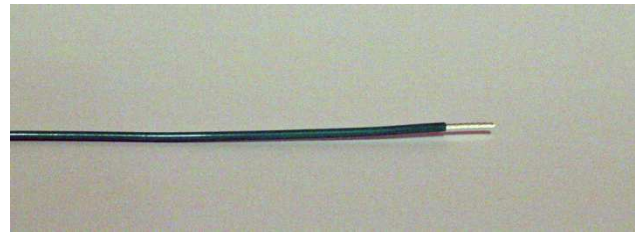
Approved stranded wire for the internal wiring of electronic and electrical equipments and in many other applications and in an environment that demands high electrical, thermal and mechanical performances.

Construction

Conductor 7-strands respectively 19-strands (AWG 10 37-strands, AWG 8 133-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 ... + 150°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

UL AWM Style 1198 150°C 600 V VW-1
CSA AWM I A/B 150°C 600 V FT1

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
28/7	1.47	0.90	1.70
26/7	1.60	1.40	2.30
26/19	1.60	1.40	2.30
24/7	1.73	2.20	3.20
24/19	1.73	2.20	3.20
22/7	1.88	3.40	4.40
22/19	1.88	3.40	4.40
20/7	2.11	6.00	7.00
20/19	2.11	6.00	7.00
18/19	2.36	8.30	10.60
16/19	2.59	13.00	17.40
14/19	2.92	21.00	27.00
12/19	3.40	33.00	42.00
10/37	4.04	51.00	66.00
8/133	5.85	83.00	102.00

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

On request

other colours and colour combinations

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
28/7	157405	157406	157407	157408	157409	157411	157412	157413	157414	157415	157416	157417
26/7	157420	157421	157422	157423	157424	157426	157427	157428	157429	157430	157431	157432
26/19	157435	157436	157437	157438	157439	157441	157442	157443	157444	157445	157446	157447
24/7	157450	157451	157452	157453	157454	157456	157457	157458	157459	157460	157461	157462
24/19	157465	157466	157467	157468	157469	157471	157472	157473	157474	157475	157476	157477
22/7	157480	157481	157482	157483	157484	157486	157487	157488	157489	157490	157491	157492
22/19	157495	157496	157497	157498	157499	157501	157502	157503	157504	157505	157506	157507
20/7	157510	157511	157512	157513	157514	157516	157517	157518	157519	157520	157521	157522
20/19	157525	157526	157527	157528	157529	157531	157532	157533	157534	157535	157536	157537
18/19	157540	157541	157542	157543	157544	157546	157547	157548	157549	157550	157551	157552
16/19	157555	157556	157557	157558	157559	157561	157562	157563	157564	157565	157566	157567
14/19	157570	157571	157572	157573	157574	157576	157577	157578	157579	157580	157581	157582
12/19	157585	157586	157587	157588	157589	157591	157592	157593	157594	157595	157596	157597
10/37	157600	157601	157602	157603	157604	157606	157607	157608	157609	157610	157611	157612
8/133	157615	157616	157617	157618	157619	157621	157622	157623	157624	157625	157626	157627

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other colours and colour combinations