

Stranded wires Teflon FEP UL 1333 150°C 300 V CSA

Application

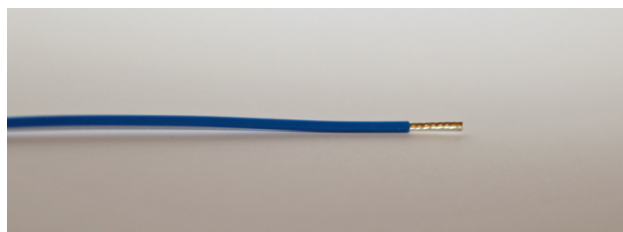
Approved stranded wire for the internal wiring of electronic and electrical equipments and in many other applications and in an environment that demands high electrical, thermal and mechanical performances.

Construction

Conductor 7-strands respectively 19-strands (AWG 10 37-strands),
Tinned copper
Insulation Teflon FEP

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 300 V
Temperature range - 60°C ... + 150°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

UL AWM Style 1333 150°C 300 V VW-1
CSA AWM I A/B 150°C 300 V FT2

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
30/7	1.02	0.52	1.10
30/19	1.02	0.52	1.10
28/7	1.09	0.90	1.70
28/19	1.09	0.90	1.70
26/7	1.19	1.40	2.30
26/19	1.19	1.40	2.30
24/7	1.32	2.20	3.20
24/19	1.32	2.20	3.20
22/19	1.46	3.40	4.40
20/19	1.69	6.00	7.00
18/19	1.92	8.30	10.50
16/19	2.08	13.00	15.00
14/19	2.44	21.00	23.00
12/19	2.95	33.00	36.00
10/37	3.48	51.00	58.00

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

DESCAFLEX FEP-150 UL-1333

AWG 30 - AWG 10

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
30/7	158245	158246	158247	158248	158249	158251	158252	158253	158254	158255	158256	158257
30/19	158260	158261	158262	158263	158264	158266	158267	158268	158269	158270	158271	158272
28/7	158275	158276	158277	158278	158279	158281	158282	158283	158284	158285	158286	158287
28/19	158290	158291	158292	158293	158294	158296	158297	158298	158299	158300	158301	158302
26/7	158305	158306	158307	158308	158309	158311	158312	158313	158314	158315	158316	158317
26/19	158320	158321	158322	158323	158324	158326	158327	158328	158329	158330	158331	158332
24/7	158335	158336	158337	158338	158339	158341	158342	158343	158344	158345	158346	158347
24/19	158350	158351	158352	158353	158354	158356	158357	158358	158359	158360	158361	158362
22/19	158365	158366	158367	158368	158369	158371	158372	158373	158374	158375	158376	158377
20/19	158380	158381	158382	158383	158384	158386	158387	158388	158389	158390	158391	158392
18/19	158395	158396	158397	158398	158399	158401	158402	158403	158404	158405	158406	158407
16/19	158410	158411	158412	158413	158414	158416	158417	158418	158419	158420	158421	158422
14/19	158425	158426	158427	158428	158429	158431	158432	158433	158434	158435	158436	158437
12/19	158440	158441	158442	158443	158444	158446	158447	158448	158449	158450	158451	158452
10/37	158455	158456	158457	158458	158459	158461	158462	158463	158464	158465	158466	158467

On request

other colours and colour combinations