



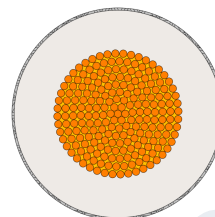
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

UL 1213 PTFE 105 C 600 V WIRE

High-temperature hook-up wire with PTFE insulation



APPLICATION

600 V PTFE insulated wire for internal wiring of electronic and electrical equipment and other demanding applications.

KEY FEATURES

Parameter	Value
Application	Hook-up wire for internal wiring of electronic and electrical equipment
Voltage rating	600 V
Temperature rating	UL 1213: 105 deg C; MIL-W-16878/4: 200 deg C
Protection	PTFE insulation with silver-plated copper conductor

DESIGN

Parameter	Value
Conductor	Stranded annealed silver-plated copper
Insulation	PTFE
Identification	Available in standard color codes and custom colors
Construction	Solid or stranded conductor options

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Operating voltage	600 V
Temperature rating	UL 1213: 105 deg C
Military temperature rating	MIL-W-16878/4: 200 deg C
Insulation	PTFE
Conductor	Silver-plated copper
Approval	UL 1213, UL VW flame test
Exception	10 AWG is not UL 1213 listed
Application	Internal wiring of electronic and electrical equipment

TECHNICAL DATA

UL 1213 - DIMENSIONS AND ELECTRICAL DATA					
AWG	Construction	Insulation in	Nominal O.D. in	Temperature	Voltage
10	37 x 26	0.015	0.131	200 deg C	600 V
12	19 x 25	0.015	0.115	105 deg C	600 V
14	19 x 27	0.013	0.095	105 deg C	600 V
16	19 x 29	0.010	0.080	105 deg C	600 V
18	7 x 26	0.010	0.069	105 deg C	600 V
18	19 x 30	0.010	0.069	105 deg C	600 V
20	1 x 20	0.010	0.052	105 deg C	600 V
20	7 x 28	0.010	0.058	105 deg C	600 V
20	19 x 32	0.010	0.058	105 deg C	600 V
22	1 x 22	0.010	0.045	105 deg C	600 V
22	7 x 30	0.010	0.050	105 deg C	600 V
22	19 x 34	0.010	0.050	105 deg C	600 V

TECHNICAL DATA

UL 1213 - DIMENSIONS AND ELECTRICAL DATA					
AWG	Construction	Insulation in	Nominal O.D. in	Temperature	Voltage
24	7 x 32	0.010	0.044	105 deg C	600 V
24	19 x 36	0.010	0.044	105 deg C	600 V
24	1 x 24	0.010	0.040	105 deg C	600 V
26	7 x 34	0.010	0.039	105 deg C	600 V
26	19 x 38	0.010	0.039	105 deg C	600 V
26	1 x 26	0.010	0.036	105 deg C	600 V
28	1 x 28	0.010	0.033	105 deg C	600 V
28	19 x 40	0.010	0.035	105 deg C	600 V
28	7 x 36	0.010	0.035	105 deg C	600 V
30	7 x 38	0.010	0.032	105 deg C	600 V
30	1 x 30	0.010	0.030	105 deg C	600 V
32	1 x 32	0.010	0.029	105 deg C	600 V
32	7 x 40	0.010	0.029	105 deg C	600 V

CONSTRUCTION AND APPLICATION NOTES

Parameter	Value
Conductor	Stranded annealed silver-plated copper
Insulation	PTFE
Voltage rating	600 V
Temperature rating	UL 1213: 105 deg C; MIL-W-16878/4: 200 deg C
Approvals	UL 1213, UL VW flame test
Exception	10 AWG is not UL 1213 listed
Note	Values are nominal; dimensions in inches; temperature and voltage follow source ratings

CERTIFICATIONS

