



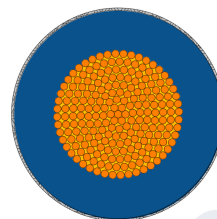
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

UL 1332 FEP 200 C 300 V LEAD WIRE

Flexible high-temperature lead wire with FEP insulation



APPLICATION

300 V FEP insulated lead wire for electric heaters, appliances, thermocouples and electrical or electronic components requiring up to 200 C.

KEY FEATURES

Parameter	Value
Application	Wiring for electric heaters, appliances, thermocouples and electronic components
Voltage rating	300 V
Temperature rating	200 deg C
Protection	FEP fluoropolymer insulation with excellent chemical and fluid resistance

DESIGN

Parameter	Value
Conductor	Stranded tinned, annealed copper per ASTM B33
Insulation	Extruded FEP fluoropolymer
Performance	Flexible with low coefficient of friction and good mechanical strength
Construction	Available in all colors

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Voltage rating	300 V
Temperature rating	200 deg C
Insulation	Extruded FEP fluoropolymer
Conductor	Stranded tinned, annealed copper
Standard	UL AWM Type 1332; CSA AWM I A/B 600 FT1 FT2
RoHS	Complies with European Directive 2015/863
Chemical resistance	Excellent
Application	Heaters, appliances, thermocouples and electrical components

TECHNICAL DATA

UL 1332 - IMPERIAL DIMENSIONS AND WEIGHTS					
AWG / Kcmil	Strands	Insulation thickness	Approx. O.D.	Weight lb/1000 ft	Temp.
22	7	13 mil / 0.055 in	1.40 mm / 0.055 in	5	200 C
24	7	13 mil / 0.060 in	1.52 mm / 0.060 in	4	200 C
20	7	13 mil / 0.065 in	1.65 mm / 0.065 in	7	200 C
18	7	13 mil / 0.075 in	1.90 mm / 0.075 in	9	200 C
16	7	13 mil / 0.085 in	2.16 mm / 0.085 in	12	200 C
14	7	13 mil / 0.095 in	2.41 mm / 0.095 in	16	200 C
12	19	13 mil / 0.115 in	2.92 mm / 0.115 in	23	200 C
10	37	13 mil / 0.145 in	3.68 mm / 0.145 in	33	200 C

TECHNICAL DATA

UL 1332 - METRIC DIMENSIONS AND WEIGHTS					
AWG / Kcmil	Strands	Insulation thickness	Approx. O.D.	Weight lb/1000 ft	Temp.
22	7	0.33 mm	1.40 mm	7	200 C
24	7	0.33 mm	1.52 mm	6	200 C
20	7	0.33 mm	1.65 mm	10	200 C
18	7	0.33 mm	1.90 mm	13	200 C
16	7	0.33 mm	2.16 mm	18	200 C
14	7	0.33 mm	2.41 mm	24	200 C
12	19	0.33 mm	2.92 mm	34	200 C
10	37	0.33 mm	3.68 mm	49	200 C

CONSTRUCTION AND APPLICATION NOTES

Parameter	Value
Conductor	Stranded tinned, annealed copper per ASTM B33
Insulation	Extruded FEP fluoropolymer
Voltage rating	300 V
Temperature rating	200 deg C
Standards	UL AWM Type 1332; CSA AWM I A/B 600 FT1 FT2
RoHS	Complies with European Directive 2015/863
Note	All dimensions and weights are nominal and subject to manufacturing tolerances

CERTIFICATIONS



TEBAOFLEX CABLE