



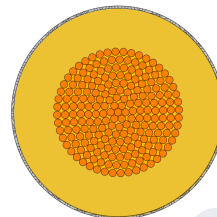
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

UL 3135 SILICONE 200 C 600 V WIRE

Ultra-flexible silicone rubber insulated appliance wire



APPLICATION

600 V silicone rubber wire for sealed cooking appliances, lighting equipment, computers and electronic equipment.

KEY FEATURES

Parameter	Value
Application	Sealed cooking appliances, lighting equipment, computers and electronic equipment
Voltage rating	600 V; spark voltage 6000 V
Temperature rating	-40 deg C to 200 deg C
Protection	Silicone rubber insulation with high flexibility and high strand count

DESIGN

Parameter	Value
Conductor	Stranded tinned copper
Insulation	Silicone rubber, 0.031 in / 0.78 mm wall
Performance	Ultra-flexible, uniform and concentric construction
Flame rating	FT2

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Voltage rating	600 V UL; spark voltage 6000 V
Temperature rating	-40 deg C to 200 deg C
Insulation	Silicone rubber
Conductor	Stranded tinned copper
Standard	UL Style 3135
Environmental	RoHS compliant
Colors	Black, red, white, green, yellow, blue, brown, grey, violet and orange
Put-ups	100 ft, 500 ft and 1000 ft

TECHNICAL DATA

UL 3135 - DIMENSIONS AND ELECTRICAL DATA					
AWG	Stranding	Cond. dia. mm	Insul. thickness	Overall dia. mm	Resistance ohm/km
12	65/30	0.78	3.95	1.72	27.05
14	41/30	0.78	3.46	2.73	18.58
16	50/33	0.78	3.06	4.45	13.52
18	41/34	0.78	2.74	7.06	9.41
20	19/33	0.78	2.51	11.2	7.16
22	17/34	0.78	2.32	18.1	5.55
24	7/32	0.78	2.15	28.7	4.46
26	7/34	0.78	2.05	45.8	3.73

CONSTRUCTION AND APPLICATION NOTES	
Parameter	Value
Conductor	Stranded tinned copper
Insulation	Silicone rubber, 0.031 in / 0.78 mm wall
Voltage rating	600 V; spark voltage 6000 V
Temperature rating	-40 deg C to 200 deg C
Standards	UL Style 3135; FT2
Environment	RoHS compliant
Note	Dimensions and electrical values are nominal; resistance at 20 deg C

CERTIFICATIONS



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