



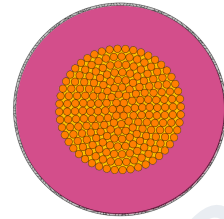
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

UL 3122 SILICONE 200 C 300 V WIRE

Silicone rubber and fiberglass braided appliance wire



APPLICATION

300 V silicone rubber wire for lights, electric heaters and high-temperature household appliances.

KEY FEATURES

Parameter	Value
Application	Lights, electric heaters and high-temperature household appliances
Voltage rating	300 V
Temperature rating	200 deg C to -50 deg C
Protection	Silicone rubber insulation with fiberglass braid and oil resistance

DESIGN

Parameter	Value
Conductor	Tinned copper strands, 21 x 0.180 mm
Insulation	Silicone rubber, 0.48 mm thickness
Braid	Fiberglass braid, 0.15 mm thickness
Performance	Flexible and resistant to oil, heat, cold and flexing

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Voltage rating	300 V
Temperature rating	200 deg C to -50 deg C
Insulation	Silicone rubber with fiberglass braid
Conductor	Tinned copper strands
Test voltage	2000 VAC/min
Standards	UL Subject 758; CSA SEW-1
Flame rating	FT2
Environmental	Conforms to RoHS Directive 2011/65/EC

TECHNICAL DATA

UL 3122 - DIMENSIONS AND ELECTRICAL DATA					
AWG	Stranding	Cond. dia. mm	Insul. thickness	Overall dia. mm	Resistance ohm/km
20	21/0.180	2.94	0.48 / 0.15	1.85	39.5

CONSTRUCTION AND APPLICATION NOTES

Parameter	Value
Conductor	Tinned copper strands, 21 x 0.180 mm
Insulation	Silicone rubber, 0.48 mm thickness
Braid	Fiberglass braid, 0.15 mm thickness
Voltage rating	300 V
Temperature rating	200 deg C to -50 deg C
Standards	UL Subject 758; CSA SEW-1; FT2
Note	Overall diameter 1.85 +/- 0.10 mm; resistance at 20 deg C

CERTIFICATIONS



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