



TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

IGNITER WIRE WITH FLUOROPOLYMER JACKET

High-temperature flexible igniter wire



APPLICATION

High-temperature flexible igniter wire for demanding applications. Designed for high voltage, heat, cutting, abrasion, moisture and chemical exposure.

KEY FEATURES

Parameter	Value
Application	High-temperature flexible cable for igniter wire applications
Voltage rating	25 kV DC / 17 kV AC maximum
Heat resistance	Maximum conductor temperature 250 deg C / 482 deg F
Protection	Fluoropolymer jacket resists cutting, abrasion and harsh chemicals

DESIGN

Parameter	Value
Conductor	Nickel-plated copper conductors
Insulation	High-temperature insulation for igniter wire service
Jacket	Specially compounded fluoropolymer jacket
Protection	Resistant to oils, acids, solvents, chemicals, cutting and abrasion

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
DC voltage rating	25 kV maximum
AC voltage rating	17 kV maximum
Maximum conductor temperature	250 deg C / 482 deg F
Bending radius, static	12 x cable O.D.
Bending radius, dynamic	15 x cable O.D.
Flexibility	Flexible construction for igniter wire installation
Chemical resistance	Fluoropolymer jacket for oils, acids, solvents and chemicals
Cut and abrasion resistance	Specially compounded fluoropolymer jacket
Conductor plating	Nickel-plated copper for high heat resistance
Standard	AWM Style 1911
Application	High-temperature igniter wire

TECHNICAL DATA

IGNITER WIRE - AWG CONFIGURATION				
AWG / conductor	Nominal O.D. in	Weight lbs / 1,000 ft	Static bend radius	Dynamic bend radius
18 AWG	0.098	41	12 x O.D.	15 x O.D.

CONSTRUCTION AND APPLICATION NOTES

Parameter	Value
Conductor	Nickel-plated copper conductors
Insulation	High-temperature igniter wire insulation
Jacket	Specially compounded fluoropolymer jacket
Bending	12 x O.D. static; 15 x O.D. dynamic
Electrical rating	25 kV DC / 17 kV AC maximum; 250 deg C conductor temperature
Standard	AWM Style 1911

CERTIFICATIONS



TEBAOFLEX CABLE