



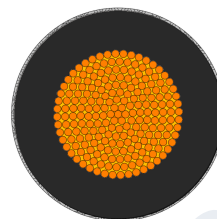
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

STYLE 3304 / STYLE 3573 IGNITION WIRE

High-temperature silicone ignition wire



APPLICATION

High-temperature ignition wire for piezo-electric components, gas or oil burners, and other equipment requiring reliable electric arc creation.

KEY FEATURES

Parameter	Value
Application	Ignition wire for piezo-electric components, gas burners and oil burners
Voltage rating	10 kV AC pulse voltage
Temperature range	Continuous operation from -60 deg C to +200 deg C
Protection	Halogen-free silicone wire with good UV and thermal-shock resistance

DESIGN

Parameter	Value
Conductor	Flexible tin-plated copper core, Class 5 according to IEC 60228
Insulation	Silicone rubber
Reinforcement	Varnished synthetic fibre braid or silicone-coated fibreglass braid
Construction	Single-core high-temperature ignition wire

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Continuous operating temperature	-60 deg C to +200 deg C
Pulse voltage	10 kV AC
Halogen-free	IEC 60754-1 / EN 60754-1
Insulation	Silicone rubber
Approval	UL 758
Flame test	Horizontal flame test according to UL approval
Options	Other cross-sections, colours and vertical flame test available

TECHNICAL DATA

STYLE 3304 - DIMENSIONS AND RATINGS				
Cross-section mm2	Insulation thickness mm	Nominal diameter mm	Series	Voltage
1.0	1.0	3.2	3304	10 kV
1.0	1.0	3.4	3304	10 kV
1.0	1.0	3.6	3304	10 kV
1.0	1.0	3.7	3304	10 kV
1.0	1.0	3.7	3304	10 kV
1.0	1.0	3.9	3304	10 kV
1.0	1.0	4.1	3304	10 kV
1.0	1.0	4.3	3304	10 kV
1.0	1.0	4.6	3304	10 kV
1.0	1.0	4.8	3304	10 kV
1.0	1.0	5.0	3304	10 kV
1.0	1.0	5.3	3304	10 kV

TECHNICAL DATA

STYLE 3573 - DIMENSIONS AND RATINGS				
Cross-section mm2	Insulation thickness mm	Nominal diameter mm	Series	Voltage
0.34	1.0	3.1	3573	10 kV
0.5	1.0	3.2	3573	10 kV
0.6	1.0	3.4	3573	10 kV
0.75	1.0	3.5	3573	10 kV
0.93	1.0	3.5	3573	10 kV
1	1.0	3.7	3573	10 kV
1.34	1.0	3.8	3573	10 kV
1.5	1.0	4.0	3573	10 kV
2.5	1.0	4.3	3573	10 kV
4	1.0	4.5	3573	10 kV
2.5	1.0	4.8	3573	10 kV
4	1.0	5.0	3573	10 kV

CONSTRUCTION, TESTS AND STANDARDS	
Parameter	Value
Conductor	Flexible tin-plated copper core, Class 5 according to IEC 60228
Insulation	Silicone rubber
Reinforcement	Varnished synthetic fibre or silicone-coated fibreglass braid
Temperature range	Continuous: -60 deg C to +200 deg C
Electrical performance	10 kV AC pulse voltage
Approvals	UL 758; halogen-free IEC 60754-1 / EN 60754-1
Flame performance	Horizontal flame test according to UL approval

CERTIFICATIONS



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