

Eland Product Group: OG0

APPLICATION

TFN cables are designed for the Oil industry and can be installed in Class 1, Division 2 Hazardous locations. They can be installed in trays, wire ways, ducts, conduit and aerially when properly supported by a messenger. They are approved for direct burial, and for wet or dry locations including outdoors in cable trays where a sunlight resistant rating is required.

CHARACTERISTICS

Voltage Rating

600V

Temperature Rating

+90°C

CONSTRUCTION

Conductor

Bare Annealed Copper

Insulation

PVC-FR / Nylon (Polyvinyl Chloride - Flame Retardant / Nylon)

Binder Tape

Screen

Aluminum tape

Drain Wire

Tinned Copper - 18 AWG (7w) for 16 AWG conductor
20 AWG (7w) for 18 AWG conductor

Ripcord

Nylon

Outer Sheath

Special PVC (Polyvinyl Chloride)

Sheath Colour

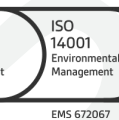
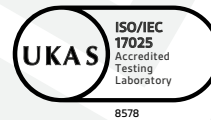
● Black

STANDARDS

ICEA S-73-532, UL 1277, UL 66, ASTM B3/B8

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



ELAND PART NUMBER	NO OF CORES	AWG SIZE	NOMINAL THICKNESS INSULATION	NOMINAL THICKNESS NYLON	NOMINAL THICKNESS SHEATH	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT	NOMINAL AMPACITY
			mm	mm	mm	mm	kg/km	AMPS
OG090216AWGBK	2	16	0.38	0.10	1.14	7.57	76	8.0
OG090218AWGBK	2	18	0.38	0.10	1.14	7.11	57	6.0
OG090316AWGBK	3	16	0.38	0.10	1.14	7.98	100	8.0
OG090318AWGBK	3	18	0.38	0.10	1.14	7.47	73	6.0
OG090416AWGBK	4	16	0.38	0.10	1.14	8.61	119	6.4
OG090418AWGBK	4	18	0.38	0.10	1.14	8.06	86	4.8
OG090516AWGBK	5	16	0.38	0.10	1.14	9.35	143	6.4
OG090518AWGBK	5	18	0.38	0.10	1.14	8.71	108	4.8
OG090616AWGBK	6	16	0.38	0.10	1.14	10.11	165	6.4
OG090618AWGBK	6	18	0.38	0.10	1.14	9.40	122	4.8
OG090716AWGBK	7	16	0.38	0.10	1.14	10.11	179	5.6
OG090718AWGBK	7	18	0.38	0.10	1.14	9.40	136	4.2
OG090816AWGBK	8	16	0.38	0.10	1.14	11.05	202	5.6
OG090818AWGBK	8	18	0.38	0.10	1.14	10.26	145	4.2
OG090916AWGBK	9	16	0.38	0.10	1.14	11.86	222	4.0
OG090918AWGBK	9	18	0.38	0.10	1.14	10.99	167	4.2
OG091016AWGBK	10	16	0.38	0.10	1.14	12.62	240	4.0
OG091018AWGBK	10	18	0.38	0.10	1.14	11.68	188	3.0
OG091116AWGBK	11	16	0.38	0.10	1.14	12.80	257	4.0
OG091118AWGBK	11	18	0.38	0.10	1.14	11.84	193	3.0
OG091216AWGBK	12	16	0.38	0.10	1.52	13.94	278	4.0
OG091218AWGBK	12	18	0.38	0.10	1.14	12.18	202	3.0
OG091316AWGBK	13	16	0.38	0.10	1.52	14.17	317	4.0
OG091318AWGBK	13	18	0.38	0.10	1.14	12.39	214	3.0
OG091416AWGBK	14	16	0.38	0.10	1.52	14.61	341	4.0
OG091418AWGBK	14	18	0.38	0.10	1.14	12.77	228	3.0
OG091516AWGBK	15	16	0.38	0.10	1.52	14.96	360	4.0
OG091518AWGBK	15	18	0.38	0.10	1.14	13.09	245	3.0
OG091916AWGBK	19	16	0.38	0.10	1.52	16.10	448	4.0
OG091918AWGBK	19	18	0.38	0.10	1.52	14.88	320	3.0
OG092016AWGBK	20	16	0.38	0.10	1.52	16.56	461	4.0
OG092018AWGBK	20	18	0.38	0.10	1.52	15.30	326	3.0
OG092516AWGBK	25	16	0.38	0.10	1.52	18.47	561	3.6
OG092518AWGBK	25	18	0.38	0.10	1.52	17.01	416	2.7
OG093016AWGBK	30	16	0.38	0.10	1.52	19.69	655	3.6
OG093018AWGBK	30	18	0.38	0.10	1.52	18.11	473	2.7
OG093716AWGBK	37	16	0.38	0.10	2.03	22.20	845	3.2
OG093718AWGBK	37	18	0.38	0.10	1.52	19.46	580	2.4
OG094016AWGBK	40	16	0.38	0.10	2.03	22.99	899	3.2
OG094018AWGBK	40	18	0.38	0.10	1.52	20.17	606	2.4
OG094516AWGBK	45	16	0.38	0.10	2.03	24.26	995	2.8
OG094518AWGBK	45	18	0.38	0.10	2.03	22.32	673	2.1
OG095016AWGBK	50	16	0.38	0.10	2.03	25.12	1106	2.8
OG095018AWGBK	50	18	0.38	0.10	2.03	23.10	783	2.1