



## SiF Silicone 180 Cable



Eland Product Group: V51

### APPLICATION

This cable can be used for operation in ambient temperatures above 55 °C, for internal wiring of lamps, heating equipment and electrical appliances as well as for switching boxes and distribution boards.

### CHARACTERISTICS

**Voltage Rating** Uo/U  
300/500V

**Temperature Rating**  
Fixed: -60°C to +180°C

**Minimum Bending Radius**  
Fixed: 6 x overall diameter  
Flexed: 15 x overall diameter

### CONSTRUCTION

**Conductor**  
Class 5 flexible stranded tinned copper

**Insulation**  
Silicone Rubber

**Insulation Colour**  
● Green/Yellow ● Blue ● Black ● Brown ● Grey  
○ White ● Red

### STANDARDS

VDE 0482-332-1-2

Fire Retardant according to: IEC 60332-1-2

### 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.



8578



FS 672069



EMS 672067



OHS 672066

### 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™.



KM 634267





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V5101001**000	1	0.5	2.1	8.6
V5101011**000	1	0.75	2.4	11
V5101021**000	1	1	2.5	13.6
V5101031**000	1	1.5	2.8	20.3
V5101041**000	1	2.5	3.4	32
V5101051**000	1	4	4.2	48.5
V5101061**000	1	6	5.2	71
V5101071**000	1	10	6.3	124
V5101081**000	1	16	8	188
V5101091**000	1	25	9.9	296
V5101101**000	1	35	11.2	400
V5101111**000	1	50	13.8	570
V5101121**000	1	70	14.8	766
V5101131**000	1	95	18.2	1030
V5101141**000	1	120	18.8	1300
V5101151**000	1	150	20.8	1563
V5101161**000	1	185	23.3	1915
V5101171**000	1	240	26.1	2440
V5101181**000	1	300	28.9	3100

\*Designates the sheath colour. For each Eland Cables part number replace with the colour code as listed below. e.g. V5101001BK000 – 0.5mm<sup>2</sup> Black