

**ELAND**<sup>®</sup>  
CABLES

# 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.

## CONSTRUCTION

### Conductor

Class 5 Fine Stranded Tinned Copper

### Insulation

Silicone Rubber

## CABLE STANDARDS

VDE 0482-332-1-2/IEC 60332-1-2, DIN EN 50267/IEC 60754



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

### Temperature Range

Fixed: -60°C to +180°C

Maximum permitted conductor temperature: +180°C

### Nominal Voltage U<sub>0</sub>/U

300/500V

### Test Voltage

2kV

### Minimum Bending Radius

Fixed Installation: 6 x overall diameter

Moving Application: 15 x overall diameter

### Insulation Colour

● Green/Yellow 
 ● Blue 
 ● Black 
 ● Brown 
 ● Grey 
 ○ White 
 ● Red

## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OUTER DIAMATER 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

\*Eland Part No. shown above designate the sheath colour (\*). For each colour substitute \* for a colour code. e.g. V5101001BK000 – 0.5mm<sup>2</sup> Black