

## FIRECEL SR 118

Silicone Insulation



### SR / LSZH 300/500 V

### APPLICATIONS

**FIRECEL SR 118** are designed, manufactured and tested as control cable for emergency services and fire circuit control.

### OPERATING TEMPERATURE

- 40 °C / +90 °C

### APPLICABLE STANDARDS

#### Basic design

EN 50288-7

#### Fire resistant

BS 6387 (cat. C-W-Z)

BS EN 50200 (class 50200 - PH 60)

IEC 60331-21

#### Flame retardant

BS EN 60332-1-2

IEC 60332-3-22 cat. A

#### Acid gas emission

BS EN 60754-1

BS EN 60754-2

#### Smoke density

BS EN 61034-2

### CABLE CONSTRUCTION

#### Conductors

Plain annealed copper wire, solid class 1 or stranded class 2 according to EN 60228.

#### Insulation

High performance fire resistant silicone rubber type EI2 to BS EN 50363-1.

#### Cabling

Insulated cores are cabled together.

#### Outer sheath

LSZH thermoplastic material type LTS3 according BS 7655.  
Colour red (other colours on request).

### COLOUR CODE UP TO 4 CORES TO HD 308

2 cores: ● ●

3 cores: ● ● ●

4 cores: ● ● ● ●

N° of cores. x size	Size of conductors (n°/mm)	Outer diameter (mm)	Net Weight (kg/km)
<b>1,5 mm<sup>2</sup> solid</b>			
2x1.5	1/1.38	7.4	80
3x1.5	1/1.38	7.8	100
4x1.5	1/1.38	8.5	130
<b>1.5 mm<sup>2</sup> stranded</b>			
2x1.5	7/0.53	7.8	90
3x1.5	7/0.53	8.3	110
4x1.5	7/0.53	9.0	140
<b>2.5 mm<sup>2</sup> solid</b>			
2x2.5	1/1.75	8.7	110
3x2.5	1/1.75	9.2	150
4x2.5	1/1.75	10.1	190
<b>2.5 mm<sup>2</sup> stranded</b>			
2x2.5	7/0.67	9.2	120
3x2.5	7/0.67	9.8	160
4x2.5	7/0.67	10.7	200
<b>4.0 mm<sup>2</sup> stranded</b>			
2x4	7/0.85	10.3	160
3x4	7/0.85	11.0	220
4x4	7/0.85	12.0	280

Cables with cross section 0.5, 0.75, 1.0 sqmm can be supplied on request. Please contact our Technical Dpt. for further information on characteristics.