

Silicone Tubing - SP

High Strength Silicone Rubber Tubing

Datasheet 1

Specifications & Approvals

- BS2848 Type 5 180TB
- Also available to BS2G 198 Type 4

Standard Colours & Colour Codes

Black - 0	Yellow - 4	Grey - 8
Brown - 1	Green - 5	White - 9
Red - 2	Blue - 6	Pink - 2L
Orange - 3	Violet - 7	Clear - X



Applications

Extruded from a high strength silicone rubber compound with bore sizes from 0.2mm ID up to 200mm, meets the demands of practically any application. Manufactured to fine tolerances the smallest silicone tubing manufactured is most commonly used as electrical sleeving, whilst midrange sizes are generally used to carry fluids and powders within the food processing and pharmaceutical industries.

Inside Diameter	Wall Thickness	ORDERING DESCRIPTION
mm	mm	
0.5	0.5	SP050-colour code-CLS
0.75	0.5 - 1.0	SP075-colour code-CLS
1.0	0.5 - 1.0	SP10-colour code-CLS
1.5	0.5 - 1.0	SP15-colour code-CLS
2.0	0.5 - 1.0	SP20-colour code-CLS
2.5	0.5 - 1.0	SP25-colour code-CLS
3.0	0.5 - 1.0	SP30-colour code-CLS
3.5	0.5 - 1.0	SP35-colour code-CLS
4.0	0.5 - 1.0	SP40-colour code-CLS
4.5	0.5 - 1.0	SP45-colour code-CLS
5.0	0.5 - 1.0	SP50-colour code-CLS
5.5	0.5 - 1.0	SP55-colour code-CLS
6.0	0.5 - 1.0	SP60-colour code-CLS
7.0	0.5 - 1.0	SP70-colour code-CLS
8.0	0.5 - 1.0	SP80-colour code-CLS
9.0	0.5 - 1.0	SP90-colour code-CLS
10.0	0.5 - 1.0	SP100-colour code-CLS
11.0	0.5 - 1.0	SP110-colour code-CLS
12.0	0.5 - 1.0	SP120-colour code-CLS
13.0	0.5 - 1.0	SP130-colour code-CLS
14.0	0.5 - 1.0	SP140-colour code-CLS
15.0	0.5 - 1.0	SP150-colour code-CLS
16.0	0.5 - 1.0	SP160-colour code-CLS
17.0	0.5 - 1.0	SP170-colour code-CLS
18.0	0.5 - 1.0	SP180-colour code-CLS

Alternative wall thickness and other inside diameters are available subject to special order.

Performance

Test	Test Requirement
Insulation Resistance	1 x 10 ³ megohms (min)
Elongation	600%
Shore Hardness	40, 50 and 60
Temperature Range	Max 250°C Min -80°C Short Duration 250°C
Dielectric Strength	18kV/mm
Ozone Resistance	Unlimited