

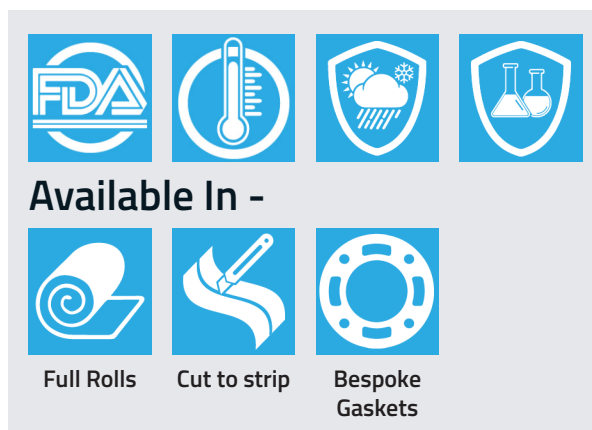
## Solid Silicone Sheeting 30°

Product Code: RC0323-30-200

### Product Description

We can supply solid silicone sheeting in a wide variety of colours and thicknesses. We supply this particular material in 200mm x 200mm sheets. This makes them ideal for smaller applications or for testing before purchasing full size sheets or rolls. We produce these smaller sheets from the exact same high quality material as our larger sheets.

### Technical Specification



| Properties                   | Test Method    | Values                                                |
|------------------------------|----------------|-------------------------------------------------------|
| Hardness (Shore A)           | DIN ISO 7619-1 | 30°                                                   |
| Tensile Strength             | ISO 37 type 1  | 8.0 MPa                                               |
| Elongation at Break          | ISO 37 type 1  | 500%                                                  |
| Tear Strength (N/mm)         | ASTM D624      | 16.0                                                  |
| Compression Set (24h, 150°C) | BS 903 pt A6   | 23%                                                   |
| Compression Set (22h, 300°F) | ASTM D395      | 20%                                                   |
| Working Temperature Range    | -              | -60°C to + 230°C                                      |
| Brittle Point                | ASTM D746      | -80°C (-112°F)                                        |
| Limiting Oxygen Index        | BS 2782 Part 1 | 24.0%                                                 |
| Thermal Conductivity         | VDE 0304       | 0.24 W.m <sup>-1</sup> .K <sup>-1</sup>               |
| Radiation Resistance         | -              | >10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical |
| Dielectric Strength          | VDE 0303       | 23 kV.mm <sup>-1</sup>                                |
| Dielectric Constant          | VDE 0303       | 2.9                                                   |
| Dissipation Factor           | VDE 0303       | 3x10 <sup>-4</sup>                                    |
| Volume Resistivity           | VDE 0303       | 3x10 <sup>15</sup> Ω.cm                               |

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.