

Silicone Rubber Cords Datasheet

Product Code: CRD0203

Product Description

Our silicone rubber cords are the perfect product for use in a variety of high temperature gasket and sealing applications. This particular product is available with outer diameter sizes ranging from 1mm to 30mm. We can also provide a variety of shore hardness's and colours to suit your specifications.



Weather-Resistant



Durable



FDA Approved

Available In -



Cut to Size

Technical Specification

| Property | Test Method | Value | | Unit |
|-------------------------------|---|---|--|------------------------------------|
| Hardness | ASTM D2240, DIN ISO 7619-1 | 40 | 60 | Shore A |
| Tensile Strength | ISO 37 Type 1, ASTM D412 die C, DIN 53504 type S1 | 9.0 | 10.0 | MPa |
| Elongation Break Point | ISO 37 type 1, ASTM D412 die C, DIN 53504 type S1 | 625 | 400 | % |
| Tear Strength | ASTM D624 die B | 23 | 22 | N/mm |
| Compression Set 24hrs @ 150°C | BS 903 pt A6 type B, DIN/ISO 815 type B | 25 | 13 | % |
| Compression Set 24hrs @ 300°C | ASTM D395 method B type 2 | 22 | 10 | % |
| Brittle Point | ASTM D746 | -80 | -80 | °C |
| Limiting Oxygen Index | BS 2782 part 1 | 24.0 | 24.0 | % |
| Thermal Conductivity | VDE 0304 | 0.24 | 0.24 | W.m ⁻¹ .K ⁻¹ |
| Radiation Resistance | - | >10, Grays (10 ⁷ rads) typical | 10 ₅ Grays (10 ⁷ rads) typical | |
| Dielectric Strength | VDE 0303 | 23 | 23 | kV.mm ⁻¹ |
| Dielectric Constant | VDE 0303 | 2.9 | 2.9 | |
| Dissipation Factor | VDE 0303 | 3x10 ⁻⁴ | 3x10 ⁻⁴ | |
| Volume Resistivity | VDE 0303 | 3x10 ¹⁵ | 3x10 ¹⁵ | Ω.cm |



ISO
9001 : 2015
REGISTERED

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. The Rubber Company 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.