

Rubber Cork SG545

Description:

This is a highly compressible medium density cork and rubber material with good oil and fuel resistance. The physical characteristics of this material make it a highly qualified material for sealing at low to medium flange stress.

| Specifications | Values |
|---|---------------------------|
| Hardness ASTM D2240 | 50-70° Shore A |
| Density ASTM F1315 | 550-760 kg/m ³ |
| Tensile strength ASTM F152 | ≥ 0.8 MPa |
| Compressibility ASTM F36 | 35-50 % |
| Recovery ASTM F36 | > 80 % |
| Application Temperature in Air | 120° C max. |
| ASTM Fuel A - after 22 hours at 23° C: | |
| Volume increase | 0 to +15 % |
| ASTM Oil no. 1 - after 70 hours at 100° C: | |
| Volume increase | -10 to +10 % |
| ASTM Oil no. 3 - after 70 hours at 100° C: | |
| Volume increase | +10 to +40 % |

End use applications:

Lighting and measurement equipment, as well as transmissions, oil pans, valve covers, and other automotive applications. Suitable in connection with oil, fuel, and air etc.

Material thickness: 1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.5 mm

Rev.03

The function and durability of gaskets are highly dependent on the application and the medium. Since the conditions of use are beyond our control, Elwis Royal can only be held responsible for the characteristics of the material and for the geometrical design of the gasket.