



Cork Rubber

Grade – 1237

1. General Information and Application

1237 is a high compressible material suitable for low and medium bolt pressure, with good flexibility and resilience.

The physical characteristics along with oil and fuel resistance make this a qualified material for automotive and industrial gaskets.

2. Polymer

Synthetic Rubber

3. Colour

Black

4. Typical Physical Characteristics (Original)

Hardness (Shore A): 50 to 70

Density: Min 480 Kg/m³

Compressibility (400 psi): 35 % to 50 %

Recovery (400 psi): Min 80 %

Tensile Strength: Min 0.93 M Pa

Flexibility factor (Inical): F=(5)

5. Immersions

Volume Change, ASTM Oil #1 (70 h at 100°C (212°F)): -5 % to 10 %

Volume Change, IRM 903 (70 h at 100 °C (212 °F)): 10 % to 40 %

Volume Change, Fuel A (22 h at 23 °C): 0 % to 15 %

SHELF-LIFE & STORAGE OF RUBBER

Thank you for your enquiry regarding the shelf-life of rubber.

It is impossible to give a totally accurate shelf-life for materials, as this obviously depends on the type of compound, storage/usage conditions, temperature and regular inspections. If stored under ideal conditions as advised, most material will be good for up to seven years. Obviously, usage would have an effect and may shorten the life of the rubber.

BS3574 offer guidance on storage. Generally, the main criteria are; away from ozone sources, i.e. electrical motors, etc., away from sunlight, water, oils & chemicals. Ideally it should be stored in temperatures between 15°C to 25°C.

Our comments are offered in good faith but without guarantee.