

Klinger NI27

RUBBER BONDED CORK

Material manufactured from the highest quality oak cork bonded with a synthetic rubber. This material combines the natural compressibility of cork with the resilience of rubber, producing a material high mechanical strength and high compressibility.

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service

General Properties

- A premium quality nitrile rubber bonded cork with excellent resistance to oil and fuels.
- Nitrile rubber affords the material excellent resistance to transformer oils for use in electrical applications.
- Conforms to BS F 66.

Typical Properties

- | | |
|--------------------------------------|----------------------------------|
| ▪ Operating Temperature | Up to 125°C |
| ▪ Shore A Hardness | 70-80 ° ±5 |
| ▪ Specific Gravity | 0.70-0.75 |
| ▪ Compression (at 400psi) | 25-35 % |
| ▪ Recovery | 80 % |
| ▪ Tensile Strength | 250 psi (17.2N/mm ²) |
| ▪ Volume change after immersion in:- | |
| ASTM Oil 1 | -5 +10% |
| ASTM Oil 3 | 0 +15% |
| Fuel A | -2 +10% |

Availability

- | | |
|-------------------|--------------|
| ▪ Sheetting (m): | 1.0 x 1.0 m |
| ▪ Thickness (mm): | 1.0 - 6.0 mm |

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