



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,
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GB 19386

MATERIAL SPECIFICATION

NITRILE BONDED CORK STANDARD GRADE

| | | |
|--------------------------------|----------------------------------|--------------|
| Binder: | Nitrile/synthetic rubber | |
| Cork granule size: | 2-3mm | |
| Colour: | Natural | |
| Density: | 480 | |
| Temperature range: | -20C to +120C | |
| Hardness: | 50-70 IRHD | |
| Compressibility at 400 psi: | 30-50% | |
| Recovery after: | 80% | |
| Tensile strength: | transversal: | 7.5 kg/cm |
| | longitudinal: | 12 kg/cm |
| Flexibility: | original (F5): | No cracks |
| | ASTM oil, 70 hrs at 100C (F16): | No cracks |
| | Oven aged, 70 hrs at 100C (F16): | No cracks |
| Volume change after immersion: | ASTM No. 1 oil, 70 hrs at 100C: | -5% to +10% |
| | ASTM No. 3 oil, 70 hrs at 100C: | +10% to +40% |
| | ASTM Fuel A, 22 hrs at 23C: | 0% to +15% |
| Specification: | F104-93 F229000 | |

We reserve the right to alter the specification without notice. Values given may vary according to manufacturing tolerances. It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required.

DGL-MSS39 Iss 2

Registered Office: Derby Gaskets Ltd; Units 2, 3 & 4 Racecourse Industrial Park, Mansfield Road, Derby, DE21 4SX
Chairman: C. Prince, Directors: S. Prince (Managing), Y. Kennedy (Company Secretary).
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