



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

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

MATERIAL SPECIFICATION

ANTI VIBRATION

1. Product description

Low compressible medium density cork and rubber material for noise and vibration control, with excellent oil and fuel resistance.

2. Applications

Vibration control in technical equipment rooms, vibration isolation for machinery i.e.: Pumps, presses, looms and motors, runways, rail and subway isolation pads. Building acoustic suspension elements and systems for walls, ceilings, pipings etc.

3. Physical characteristics

3.1	Colour	red with cork points
3.2	Cork granule size	0.5mm to 1mm
3.3	Binder type	nitrile rubber
3.4	Durometer shore A	65-75
3.5	Compression at 400 PSI	25-35%
3.6	Recovery	80%
3.7	Tensile	23.5 kg/cm ²

4. Test according to ASTM F104

Volume change after immersion

4.1	ASTM Oil1, 70 hrs at 100C	-2% to +10%
4.2	ASTM Oil 3, 70 hrs at 100C	-2% to +15%
4.3	ASTM Fuel, 22 hrs at R. temp	-2% to + 10%
4.4	Min to max working temp	-60C to +350C

5. Temperature range

5.1	-20C to +120C	
5.2	Thermal conductivity	0.79 W/m oc

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-MSS03 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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