

Material ref AR490

Anti Vibration Nitrile Cork

Issue 1, Jan 2013.

Material Reference-	490
Colour-	Red/Brown
Type	Cork/Nitrile Rubber

Product Description:

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

Applications:

Vibration control in technical equipment rooms, vibration isolation for machinery, IE: pumps, presses, looms & motors, runways, rail & subway isolation pads, building acoustic suspension elements & system for walls, ceilings pipings etc

Physical Characteristics:

- 1 - Colour red with cork points.
- 2 - Cork granule size (mm) 0.5 to 1.0
- 3 - Binder type, Nitrile rubber
- 4 - Durometer shore A, 65 to 75
- 5 - Compression at 400 PSI (%) 25-35
- 6 - Recovery (%) 80
- 7 - Tensile (kg/cm²) 23.5

Test according to ASTM F104:

Volume change after immersion (%) 5.2 ASTM oil 1, 70 hrs at 100 degrees C = -2 to +10.
ASTM oil 3, 70 hrs at 100 degrees C = -2 to +15.
ASTM fuel at 22hrs at R. temp = -2 to +10.
Min to max working temp = -60 to +350.

Temperature Range:

-20 degrees C to +120 degrees.
Thermal conductivity, 0.79 W/m oc.

Other information

Maximum sheet size,	1000mm x 1000mm
Available thicknesses	6mm, 10mm, 13mm, 20mm, 25mm

Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and come without warranty or guarantee.

As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline

It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which it is to be used.

Data sheet is subject to alteration without prior notice. This data sheet supersedes all previous data sheets rubberonline Terms and conditions apply

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