

DATA SHEET



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Tico 'S' Anti-Vibration Pad Material

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Product Description:

Low compressibility medium density blended Cork and Acrylonitrile & chloroprene rubber material for machinery noise and vibration control and reduction, with excellent oil and fuel resistance. It is highly resilient and able to withstand continuous high dynamic and static loads in a wide variety of applications and for extended periods of time. It also exhibits very high coefficient of static friction.

Applications:

Vibration control in technical equipment rooms, vibration isolation for general machinery such as Pumps, Presses, Lathes, Looms, Motors, Generators, Air Conditioning units, Rail & subway isolation pads, Building acoustic suspension elements & systems for walls, Ceilings, Pipes, Lifts etc.

Physical Characteristics:

Colour: Brown/Red with cork points

Binder type: Acrylonitrile/ Polychloroprene rubber

Standard Thickness Range: 1.5mm, 3mm, 6mm, 9.5mm, 12.5mm, 19mm, to 25mm thick

Standard Sheet size: 1.2m x 1.2m. Can be cut to size.

Technical Data:

Hardness Durometer Shore A: 65-75°

Maximum Static Stress: 0.5MN/m²

Tensile Strength: 2.1 MN/m² (in accordance with BS903)

Continuous Recommended Max: 0.35MN/m²

Compression at 0.35MN/m² @ 50mm thick: 2.8mm

Recovery : 80%.

Coefficient of Friction: Concrete=0.65, Bright steel=0.5

Volume change after immersion (%) 5.2 ASTM Oil 170 hrs at 100°C: -2 to +10

ASTM Oil 370 hrs at 100°C (%): -2 to +15

ASTM Fuel at 22 hrs at 20°C (%): -2 to +10

Specific Gravity: 0.79

Working temperature Range: -40°C to + 100°C continuous, 120°C intermittent.

Thermal Conductivity: 0.101 W/m °C



Certificate No: GB08/75575