

Polymax VIBTEC - Cork Rubber Sheeting

Material Specification

General Information and Application

Polymax Vibtec is a low compression and medium density cork, rubber material. It is great for noise and vibration control and has excellent oil and fuel resistance.

Vibtec is suitable for use in technical equipment rooms and vibration isolation for machinery. Machinery includes pumps, presses, motors, runways, and rail and subway isolation pads. Vibtec can also be used on ceilings and walls for sound isolation.

Material Description

Binder <i>("A substance used to make other substances or materials stick or mix together.")</i>	Nitrile Rubber
Cork Granule Size (mm)	0.5 to 1
Colour	Red with cork points

Physical Characteristics

Shore A <i>("Hardness of material.")</i>	65-75
Compressibility at 400 PSI (%)	25-35
Recovery After (%)	80
Tensile Strength (Kg/Cm²) <i>("The resistance of a material to breaking under tension.")</i>	23.5
Volume Change after Immersion <i>("The amount of space the material will take up after being covered in the different substances.")</i>	
ASTEM No1 Oil, 70hrs @100. C (%)	-2 to +10
ASTEM No 3 Oil, 70hrs @100. C (%)	-2 to +15
AATEM Fuel A, 22hrs @23. C (%)	-2 to +10
Min to Max Working Temp	-60 to +350
Temperate Range (°C)	-20 to +120
Thermal Conductivity <i>("The degree at which a material conducts electricity.")</i>	0.79W/m oc

Specifications and testing methods according: ASTM 104-93 F229000