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

#### **Physical Characteristics**

Shore A	65-75
("Hardness of material.")	
Compressibility at 400 PSI (%)	25-35
Recovery After (%)	80
Tensile Strength (Kg/Cm <sup>2</sup> )	23.5
("The resistance of a material to breaking under tension.")	
Volume Change after Immersion	
("The amount of space the material will take up after being covered	
in the different substances. ")	
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	0.79W/m oc
("The degree at which a material conducts electricity.")	

# Specifications and testing methods according: ASTEM 104-93 F229000

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intend to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.