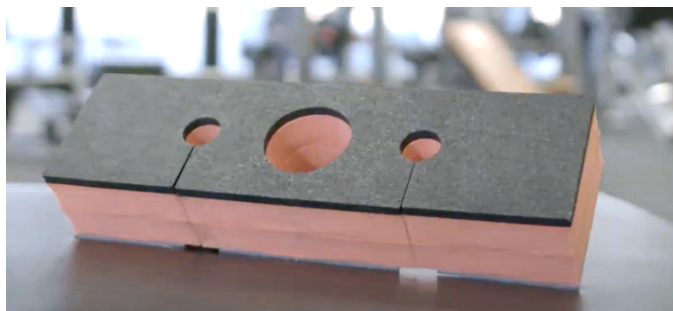




GenieMat WSI is a vibration isolator made from a combination of vibration damping materials.

By combining ultra high performance elastomers with bearing plates, high vibration isolation values are achieved for the most problematic equipment.

Vibration pads are available for any cable/resistance machine application. Vibration isolation efficiencies up to 99% and over 40dB noise reduction are commonly achieved, eliminating noise transfer into other areas.

PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat WSI
STANDARD THICKNESS:	2-1/2" (nom. 6.4 cm) (unloaded)
STANDARD SIZES:	Custom
STATIC DEFLECTION:	0.5" - 1" (1.27 cm - 2.54 cm)

TECHNICAL DATA

MECHANICAL LOSS FACTOR (DIN 53513):	0.25
STATIC E-MODULUS (DIN 53513):	6.96 psi (0.048 N/mm ²)
DYNAMIC E-MODULUS (DIN 53513):	20.88 psi (0.144 N/mm ²)
STATIC SHEAR MODULUS (DIN 53513):	5.8 psi (0.04 N/mm ²)
DYNAMIC SHEAR MODULUS (DIN 53513):	13.05 psi (0.09 N/mm ²)
RESISTANCE TO STRAIN:	1.6 psi (0.011 N/mm ²)

TECHNICAL DATA CONTINUED

COMPRESSION SET (ASTM D395, ASTM D3574, ISO 1856):	< 5%
TENSILE STRENGTH (ASTM D412, ISO 37):	> 50.76 psi (0.35 N/mm ²)
ELONGATION AT BREAK (ASTM D412, ISO 37):	> 400%
TEAR RESISTANCE (ASTM D624, ISO 34):	> 67.6 lbf/in (11.8 N/mm)
REBOUND ELASTICITY (DIN EN ISO 8307):	50 %
SPECIFIC VOLUME RESISTANCE (DIN IEC 93):	> 3.94E ⁺¹¹ Ω•in (10E ⁺¹¹ Ω•cm)
THERMAL CONDUCTIVITY (DIN 52612-1):	0.28 BTU/hr°Fft (0.05 W/[m•K])
OPERATING TEMPERATURE:	-22°F to +158°F (-30°C to +70°C)
TEMPERATURE PEAK:	+158°F (+70 °C)
INFLAMMABILITY (EN ISO 11925-1):	Class E / EN 13501-1

AROUND THE WORLD.

PLITEQ NORTH AMERICA

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

4211, Yonge Street,
Suite 404, Toronto, ON M2P
2A9 Canada

2015 Main St,
Vancouver, BC
V5T 3C2 Canada

251 Little Falls Drive
Wilmington, DE
19808
United States of America
11701 N. 132nd Drive
Surprise, AZ
85379
United States of America

Calz. Gral. Mariano Escobedo
476-piso 12 Chapultepec
Morales, Anzures,
Miguel Hidalgo, 11590
Ciudad de México, CDMX
Mexico

T.+1 416 449 0049
T.+1 480 805 5560
T.+52 1 938 164 1551
info@pliteqacoustics.com
www.pliteqacoustics.com

PLITEQ UNITED KINGDOM

Office 205, Orega High
Holborn, 16 High Holborn,
London, WC1V 6BX
United Kingdom

T.+44 203 9846444
info@pliteqacoustics.com
www.pliteqacoustics.com/uk

PLITEQ MIDDLE EAST

European Business Centre
Dubai Investment Park
PO Box 473 512
United Arab Emirates

T. +971 4 567 4944
info@pliteqacoustics.com
www.pliteqacoustics.com/ae

PLITEQ ASIA PACIFIC

78 Shenton Way Tower 2,
6th Floor, Office Suite 25
079120, Singapore

T.+65 6813 2017
info@pliteqacoustics.com
www.pliteqacoustics.com/sg

PLITEQ AUSTRALIA

72 York Street, South
Melbourne, VIC, 3205
Australia

T.+61 3 9018 7696
info@pliteqacoustics.com
www.pliteqacoustics.com/au

