COMPANY CONNECT

TUESDAY 24/06/2025

HANCOCK INDUSTRIAL LIMITED

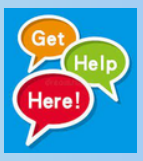
New Solutions for Gym Environments – Now Featured on the Website

AMC MECANOCAUCHO is excited to announce the launch of a dedicated section on the website focused on noise and vibration solutions for gym equipment and floors. As part of the renowned Akustik+Sylomer® product range, these solutions are designed to enhance your gym's acoustic environment, ensuring a quieter, more efficient space for both athletes and equipment.

Explore the Latest Gym Solutions:

- **SYLOMER VISCOSPRING PLATFORM: Advanced damping technology for weightlifting platforms, reducing both noise and vibrations.**
- **AKUSTIK FIT: Anti-vibration mounts to isolate gym machinery and minimize disruptive sounds.**
- **MPR+SYLOMER: Mounts that isolate the noise from impact caused by weight plates on gym equipment.**
- **SYLOMER GYM DRY FLOOR: Specialized dry floor systems designed for gym isolation and noise reduction.**

Whether you're outfitting a new gym or looking to optimize an existing space, AMC MECANOCAUCHO's solutions provide top-tier performance and durability. Visit the website to discover how these products can transform your gym environment.



For more information or if you have any questions, feel free to reach out to us at sales@hancock.net.nz — we're here to help.

Introducing DSM Mecanocaucho Anti-Vibration Mounts – Enhanced Isolation and Stability

DSM Mecanocaucho presents a new range of rubber-metal mounts designed to improve isolation and stability in systems subjected to static and dynamic loads. Perfect for mobile machinery cabins, these mounts provide effective vibration reduction and stability, ensuring optimal operator comfort and protection.

Facts About Rubber-to-Metal Anti-Vibration Mounts – Did You Know?

The purpose of an anti-vibration mount is to attenuate vibrations. The design of the vibration isolator is key to achieving the targeted stiffness and load capacity.

1. Max Rubber-to-Metal Bond Stress:
Environmental conditions like exposure to sunlight, oils, or other agents can weaken the bond. The maximum allowable bond stresses are:

- **Compression: 750 psi**
- **Tension: 150 psi**
- **Shear: 150 psi**

2. Temperature & Rubber Creep:
At 60°C (140°F), rubber creep is 2 to 9 times greater than at 25°C (80°F), depending on the compound.

3. Load Types & Stiffness:
The shape of the stiffness curve changes depending on the loading type: Compression, Shear, Torsion, Tension, Buckling

4. Rubber Profile Shape:
The moulded shape affects the load-deflection curve. Common shapes includes; Symmetrical angled spring, Conical spring, Cylindrical hollow spring, Rectangular spring