

DyneMech Natural Elastomeric Compound Anti Vibration Sheets: Superior Shock and Noise Isolation : Series DNR

DyneMech's Natural High Grade Elastomeric Compound anti-vibration sheets provide a definitive solution for isolating shock, Vibrations, and structure-borne noise in diverse industrial applications. Natural Elastomeric Compound Anti Vibration sheets provide exceptional resilience and elasticity, rendering them very suitable for mitigating vibrations and safeguarding the durability of machinery.

Natural Elastomeric Compound :

Excellent mechanical properties, low compression set, and high resilience. Outstanding dynamic and rebound properties. Operating temperature range from -50°C to +90°C. Available in a wide range of hardness from 30° to 80° Shore A. Good resistance to acids, Alkalies, and salts, but not recommended for use in areas with exposure to oils and hydrocarbons. Outstanding resistance to cut, tear, and abrasion.

Why Natural Elastomeric Compound are ideal for Vibration Damping

Viscoelastic properties allow efficient absorption and dissipation of energy. High shear modulus enables quick damping of vibration energy.

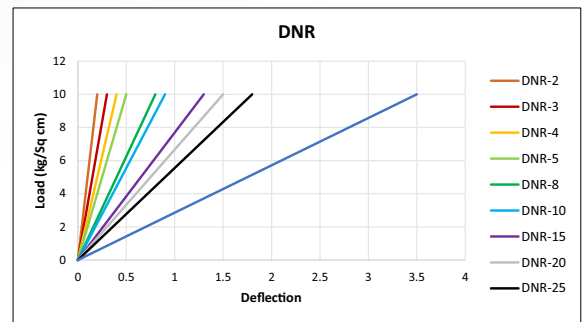
Compatible with other vibration damping materials for enhanced effectiveness. Microstructural defects like dislocations and phase boundaries contribute to damping capacity. Damping performance is influenced by loading frequency and temperature.

Key Benefits of DyneMech natural elastomeric compound anti vibration sheets :

- Excellent resilience and elasticity, allowing the sheets to withstand repetitive shocks without losing structural integrity.
- High Vibration isolation, resulting in significant noise reduction.
- Sustainable and effective solution for managing vibrations in diverse industrial settings.
- Enhances equipment performance and ensures the safety and longevity of machinery.
- Ensures personnel health and a more conducive and safer working environment.
- Cost effective solutions.

Applications :

- Industrial machines
- HVAC systems.
- Construction equipment.
- Transportation Vehicles.
- Shot blasting sheets.
- Industrial & Commercial Applications.



DNR Anti Vibration Sheet

Code	Thickness	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Abrasion	Temperature Range	Coefficient of Friction	Colour
	(mm)	(gm/cm ³)	(Shore A)	(min) Kg/cm ²	(min)%	mm ³ 10 N	°C		
DNR-2	2	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-3	3	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-4	4	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-5	5	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-8	8	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-10	10	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-15	15	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-20	20	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-25	25	1.5	70	35	250	450	-30 to +70	0.8	Black
DNR-50	50	1.5	70	35	250	450	-30 to +70	0.8	Black
Standard Length Standard Width	10 Mtr 1.2Mtr	Note 1. One side or both side smooth or fabric finish can be supplied. 2. Specifications are subject to change without notice.							