

Benefits

- **Excellent dampening and isolation characteristics with high load bearing characteristics.**
- **Maximum load bearing capacity - 0.15N/mm² (15000kg/m²).**
- **Completely recyclable and can therefore compliment companies "Environmental Policies" .**
- **No expensive mechanical parts.**
- **Very cost effective solution for the problems associated with noise and vibrations.**
- **Supplied in easy to lay sheets or strips.**
- **Quick and easy to install.**
- **If using adhesive, virtually eliminates the need for anchor bolts, thus reducing floor damage.**
- **Enables flexibility of floor layout.**
- **Isolation Collars available.**

Description

Regupol® PUR is a highly elastic polyurethane rubber granulate strip/sheet material for resonance sound absorption and vibration isolation under all M&E and HVAC units.

Physical Information

Standard Thickness	15mm
Dimensions	Strips 500mm x 50mm Strips 1200mm x 75mm Sheets 500mm x 250mm Sheets 1200mm x 300mm Sheets 1200mm x 600mm Sheets 1200mm x 1200mm
Colour	Black

Technical Information

Max. Load Bearing Capacity	0.15N/mm ²
Static Modulus of Elasticity	E = 0.90N/mm ²
Temperature Resistance	Up to +100°C
Tensile Strength	Approx 4.0kg/cm ²
Elongation at Break	58%
Dynamic Modulus of Elasticity to DIN 53513	1.0 - 4.8 N/mm ² (depending on frequency and pressure)
Compression Set to DIN53572	Lower than 5 % (at 50 % deformation for 72 hours and measured 30 min after unloading)
Tear Resistance to DIN 53515	Min. 5.8 N/mm

Please see overleaf for performance graphs.

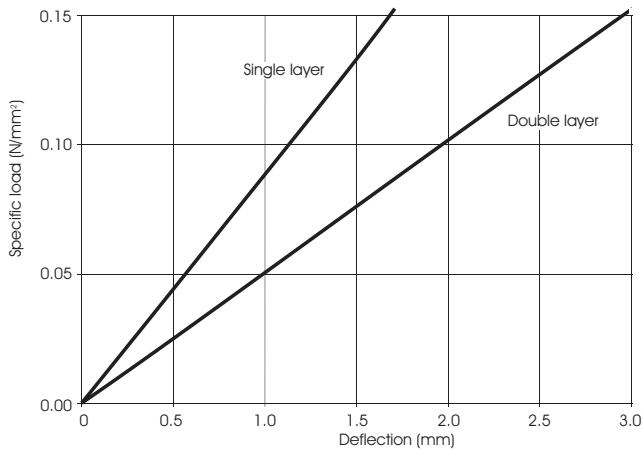
Applications

Regupol® PUR has a multitude of applications and can be used for dampening or isolation of noise and vibrations respectively. Applications include:

- Industrial Fans
- Lift Motors
- Heating and Ventilation
- Foundation Isolation
- Pumps
- Air Conditioning Units (ACU's)
- Refrigeration Units
- Compressors
- Workshop Machinery

For information relating to specific applications and the correct adhesive, please contact CMS Vibration Solutions Technical Department. To aid in the correct material being recommended, please provide as much information on the application as possible, such as weight of machine, motor speed (RPM) and channel, plinth or individual footprint dimensions.

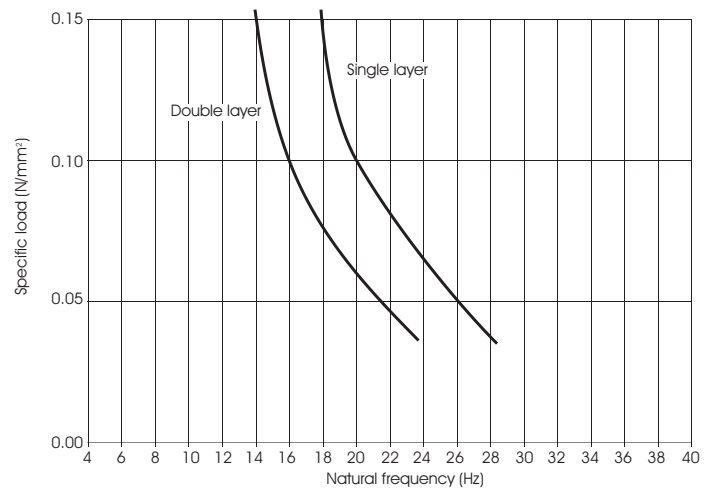
Load Deflection



Note:

- A single layer is 15mm thick
- A double layer is 30mm thick

Natural Frequency



Installation Service

In addition to supply of this product CMS Vibration Solutions offers a competitively priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting vibration isolation materials correctly. For further details contact our technical team on 01925 582899.

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