

VIBRATION MANAGEMENT CORPORATION

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Model VNHP pad isolators are a manufactured from high grade neoprene. This material offers outstanding durability properties (water / weather resistance), which are an important feature in floating floor applications, due to long service life requirements.

Neoprene also offers reliable and tested manufacturing flexibility, allowing isolator designs with natural frequencies of 8-10 Hz. This is a critical feature of acoustical floating floor design, since the lowest humanly audible frequency is ~ 20 Hz, and to ensure that all audible frequencies are isolated, the natural frequency of the isolators supporting the floating floor must be considerably below 20Hz.

ENVIRONMENTAL RESISTANCE

High temperature limit (°F)	
Continuous	200
Intermittent	300
Low Temperature limit (°F)	-40
Oil resistance	Good
Flame resistance	Good
Impact resistance	Good
Abrasion resistance	Outstanding
Weather resistance	Excellent
Ozone resistance	Outstanding
Oxidation resistance	Excellent
Water resistance	Good
Acid resistance	Good

VNHP ISOLATOR DATA

Load range (lbs)	80 - 300
Static deflection (in.)	0.10 - 0.30
Natural Frequency (Hz)	10 .0 - 8.0

- * VNHP isolators have straight line deflection curves.
- * Temporary loading may greatly exceed above ratings without damage or permanent set.

Notes / Remarks :

Project :

Client :

Consultant :

Representative :

Title : **Model VNHP pad data**

Drawing no.
S-2600.26

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