



## NEOPRENE HIGH LOAD PAD

Model **NHP** pad isolators are 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 ~ 20Hz, and to ensure that all audible frequencies are isolated, the natural frequency of the isolators supporting the floating floor must be considerably below 20Hz.



### NHP ISOLATOR DATA

<b>Load range</b>	lbs	80 – 300
<b>Static deflection</b>	Inches	0.10 – 0.30
<b>Natural frequency</b>	Hz	10.0 – 8.0

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

### ENVIRONMENTAL RESISTANCE

<b>High Temperature Limit</b> <i>Continuous</i>	200 °C
<i>Intermittent</i>	300 °C
<b>Low Temperature Limit</b>	- 40 °C
<b>Oil Resistance</b>	Good
<b>Flame Resistance</b>	Good
<b>Impact Resistance</b>	Good
<b>Abrasion Resistance</b>	Outstanding
<b>Weather Resistance</b>	Excellent
<b>Ozone Resistance</b>	Outstanding
<b>Oxidation Resistance</b>	Excellent
<b>Water Resistance</b>	Good
<b>Acid Resistance</b>	Good