

FOR STANDARD LOADS OF 50 TO 100 psi

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► **MATERIAL:**

A compound of two layers of tough vinyl chloride elastomeric resin bonded to both sides of a strong reinforcing core of monofilament fiberglass and fused in a special process.

► **COLOR:**

Orange

► **OPERATING TEMPERATURE:**

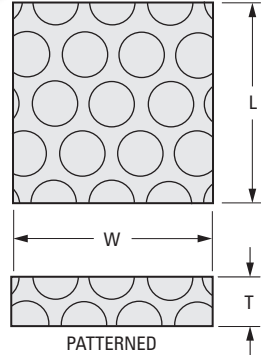
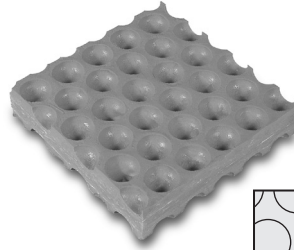
-50°F to +230°F

► **COEFFICIENT OF FRICTION:**

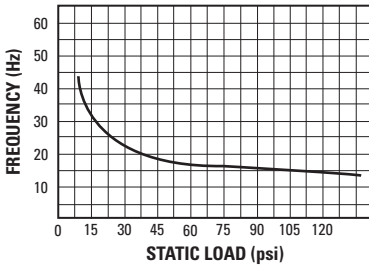
.8

► **NATURAL FREQUENCY vs. TEMPERATURE AT 100 psi:**

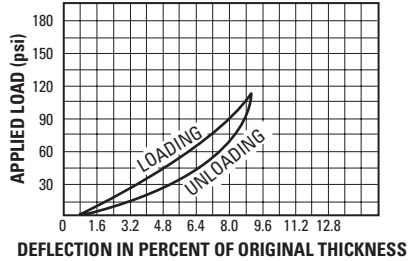
-50° F	$f_n = 24$ Hz
Room Temperature	$f_n = 27$ Hz
+230° F	$f_n = 19$ Hz



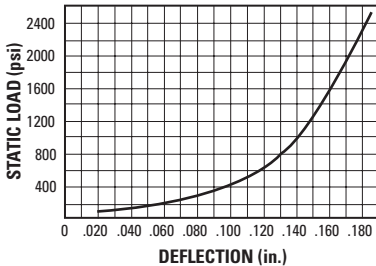
NATURAL FREQUENCY vs. LOAD (psi)



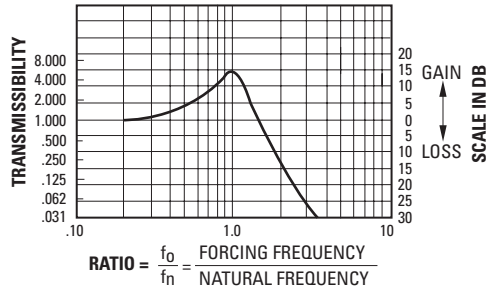
LOAD DEFLECTION vs. RECOVERY



LOAD vs. DEFLECTION



TRANSMISSIBILITY



INCH COMPONENT

Catalog Number	W	L	T	Pad Area sq. in.
A10R10-00	22	23	5/8	506
A10R10-33	3	3	5/8	*9
A10R10-36	3	6	5/8	*18
A10R10-44	4	4	5/8	*16
A10R10-48	4	8	5/8	*32

* Priced per box of 12 pieces.

UNPATTERNED
PATTERNED

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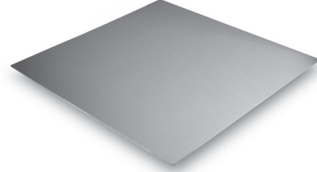
> **COLOR:**
Orange



> **COEFFICIENT OF FRICTION:**
.8

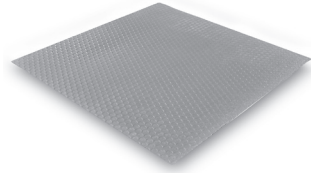
> **FOR BOLT ISOLATION:**

Occasionally, machinery must be bolted down because of unbalanced structure, upward pull, safety requirements or local ordinances. Shimming instructions would apply for bolted machinery. The bolt head should be isolated from the machine base or feet by using a metal washer over a piece of ISO-PAD. The body of the bolt must also be isolated. This can be achieved with Bolt Insulator material cut to size, rolled into a cylinder, and slipped over the bolt.

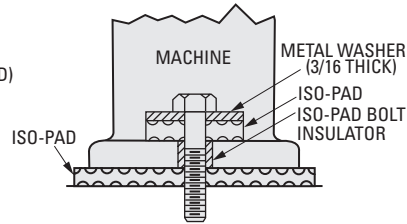
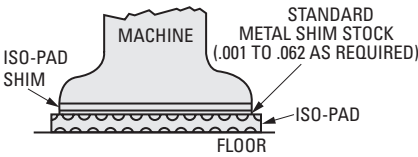


> **FOR MACHINE LEVELING:**

SHIM increases ISO-PAD height in 3/32 increments. If metal shims are required, use ISO-PAD SHIM to isolate them from the machine base and eliminate metal-to-metal contact. It is especially useful in assuring level machine installations on unlevel floors. ISO-PAD SHIM has a composition similar to ISO-PAD Standard. (See previous page for ISO-PAD Standard)



TYPICAL INSTALLATIONS:



INCH COMPONENT

Catalog Number	W	L	T
Iso-Pad for Bolt Insulator (Unpatterned)			
A10R11-B11	11	11	3/32
Iso-Pad for Shim (Patterned)			
A10R11-A00	22	22	3/32

- I
- R
- T
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

FOR LIGHT LOADS OF 20 TO 120 psi

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► **MATERIAL:**

Vinyl Chloride Elastomeric Resin

► **COLOR:**

Orange

► **OPERATING TEMPERATURE:**

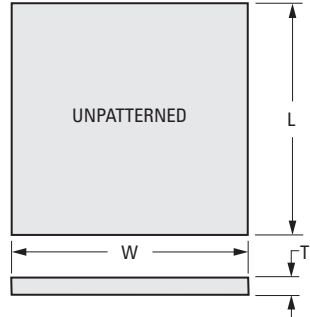
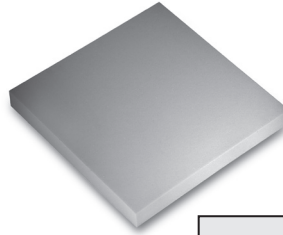
-50°F to +230°F

► **COEFFICIENT OF FRICTION:**

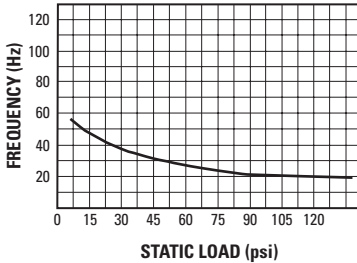
.8

► **NATURAL FREQUENCY vs. TEMPERATURE AT 80 psi:**

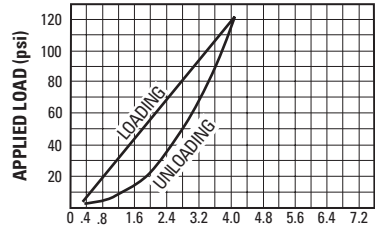
-50° F	$f_n = 24$ Hz
Room Temperature	$f_n = 40$ Hz
+230° F	$f_n = 24$ Hz



NATURAL FREQUENCY vs. LOAD (psi)

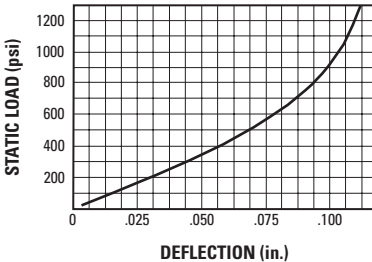


LOAD DEFLECTION vs. RECOVERY

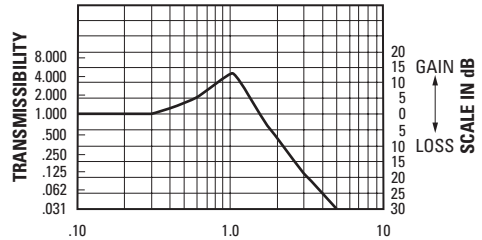


DEFLECTION IN PERCENT OF ORIGINAL THICKNESS

LOAD vs. DEFLECTION



TRANSMISSIBILITY



$$\text{RATIO} = \frac{f_o}{f_n} = \frac{\text{FORCING FREQUENCY}}{\text{NATURAL FREQUENCY}}$$

INCH COMPONENT

Catalog Number	W	L	T +.062 -.000	Pad Area sq. in.
A10R 9-00	22	23	.25	506
A10R 9-11	1	1	.25	1
A10R 9-22	2	2	.25	4
A10R 9-33	3	3	.25	9
A10R 9-44	4	4	.25	16