

## Elastomeric Bridge Bearing Pad AASHTO Grade

Bridge Bearing Pads AASHTO Grade are made of Natural Rubber (NR) or Neoprene (CR) and are designed to meet AASHTO specifications for highway bridge bearing pads (AASHTO LRFD bridge construction specification, section 18.2.)

**Natural Rubber** Pads meet AASHTO Standard Specifications for plain and laminated elastomeric bridge bearing pads, M251-06, polyisoprene, Grade 2.

**Neoprene** Pads meet AASHTO Standard Specifications for plain and laminated elastomeric bridge bearing pads, M251-06, polyisoprene, Grade 0, 2, and 3.



### Recommended for:

AASHTO Bridge Bearing Pads can be utilized between structural components in highway bridges, railroad bridges, and in all types of concrete and/or steel structures as an efficient and economical method for accommodating shock, vibration, rotation, and shear caused by load deflection and thermal movement.

### Features:

- ✓ Available in Natural Rubber (NR) & Neoprene (CR)
- ✓ Natural Rubber available in 60A Durometer Hardness
- ✓ Neoprene available in 50A, 60A, & 70A Durometer Hardness
- ✓ Custom sizes are available upon request
- ✓ Thickness available:
  - NR 60A: 1/2" & 1"
  - Neo 50A: 1/4", 1/2" & 1"
  - Neo 60A: 1/4", 1/2" & 1"
  - Neo 70A: 1/4" & 1/2"
- ✓ Standard sizes (Width x Length):
  - 4" x 4"; 6" x 6"; 12" x 12"; 24" x 24"



Custom sizes and shapes are also available according to customer's drawings and specifications - labor charges applied.

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### Technical Specifications

ASTM Test Method	Properties	NR 60A Value	Neo 50A Value	Neo 60A Value	Neo 70A Value
	Specific Gravity (gr/cc)	1.13	1.22	1.25	1.28
D2240	Hardness (Shore A)	60	50	60	70
D412	Tensile (psi)	2,250 min.	2,250 min.	2,250 min.	2,250 min.
	Ultimate Elongation (%)	400 min.	400 min.	350 min.	300 min.
D2137	Cold Temperature (°C)	-40 °C min.	-40 °C min.	-40 °C min.	-40 °C min.
D395B	Compression Set	22 hrs @70°C	22 hrs @100°C	22 hrs @100°C	22 hrs @100°C
		25% max.	35% max.	35% max.	35% max.
D573	Heat Aging	168 hrs @70°C	70 hrs @100°C	70 hrs @100°C	70 hrs @100°C
		Changed	Changed	Changed	Changed
		Hard.: + 10 points	Hard.: + 15 points	Hard.: + 15 points	Hard.: + 15 points
		Tensile: -25% max. Elong.: -25% max.	Tensile: -15% max. Elong.: -40% max.	Tensile: -15% max. Elong.: -40% max.	Tensile: -15% max. Elong.: -40% max.
D1171	Ozone Resistance		100 hrs @ 100 PPHM @37.7°C	100 hrs @ 100 PPHM @37.7°C	100 hrs @ 100 PPHM @37.7°C
			20% strain, no cracks	20% strain, no cracks	20% strain, no cracks

Elong. = Elongation

Hard. = Hardness

### Notes:

- a) Please ensure the product meets your application prior to order placement.
- b) When product price is not shown, please call our office for technical consultation prior to place an order