

BEARING PAD SHEET - AASHTO GRADE - NEOPRENE 50 DURO

Bearing Pad Sheets - AASHTO Grade are made of Neoprene and designed to meet AASHTO specifications for highway bridge bearing pads. Meets AASHTO Standard Specifications for plain and laminated elastomeric bridge bearing pads, M251-06, polychloroprene, Grades 0, 2, and 3. Also meets AASHTO LRFD bridge construction specification, section 18.2.



Recommended for:

AASHTO 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:

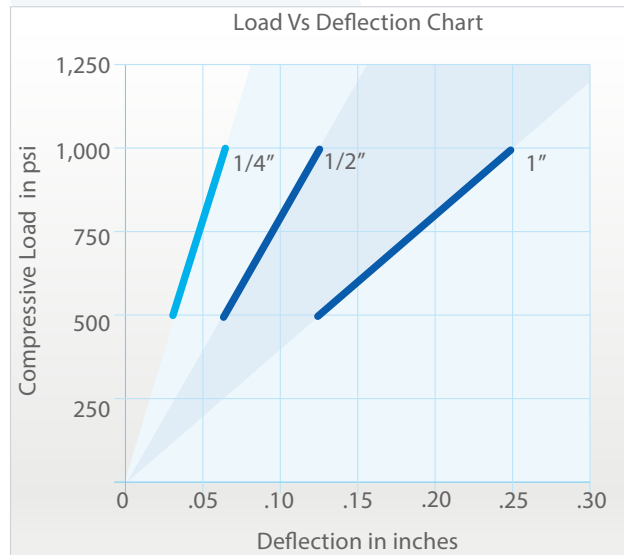
- ✓ Neoprene blend
- ✓ Hardness: 50A Duro
- ✓ Color: Black
- ✓ Thickness available: 1/4"; 1/2" & 1"
- ✓ Grade: AASHTO
- ✓ Finish: Smooth
- ✓ Trimmed: Yes

Technical Specifications

ASTM Test Method	Properties	Value
	Specific Gravity (gr/cc)	1.22
D2240	Hardness (Shore A)	50
D412	Tensile (psi)	2,250 min.
	Ultimate Elongation (%)	400 min.
D746B	Cold Temperature (Celcius)	-40 °C min.
D1171	Ozone Resistance	100 hrs @ 100 PPHM @ 37.7°C 20% Strain, No Cracking
D395B	Compression Set	22 hrs @100°C 35% max.
D573	Heat Aging	70 hrs @100°C Changed Hardness: + 15 points Tensile: -15% max. Elongation: -40% max.

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Model	Dimensions in inches (in)			Max. Compressive Load (psi)	Ship Weight (lbs)	Weight / Sq. ft (lbs)
	Thickness	Width	Length			
AASHTO NEO 50A 1/4x48x480	1/4	48	480	1,000	318	1.99
AASHTO NEO 50A 1/4x4x4	1/4	4	4	1,000	0.25	
AASHTO NEO 50A 1/4x6x6	1/4	6	6	1,000	0.50	
AASHTO NEO 50A 1/4x12x12	1/4	12	12	1,000	2	
AASHTO NEO 50A 1/2x48x360	1/2	48	360	1,000	429	3.58
AASHTO NEO 50A 1/2x4x4	1/2	4	4	1,000	0.45	
AASHTO NEO 50A 1/2x6x6	1/2	6	6	1,000	0.90	
AASHTO NEO 50A 1/2x12x12	1/2	12	12	1,000	3.60	
AASHTO NEO 50A 1x48x300	1	48	300	1,000	714	7.14
AASHTO NEO 50A 1x4x4	1	4	4	1,000	0.90	
AASHTO NEO 50A 1x6x6	1	6	6	1,000	1.80	
AASHTO NEO 50A 1x12x12	1	12	12	1,000	7.15	



Notes:

- Please ensure the product meets your application prior to order placement.
- When product price is not shown, please call our office for technical consultation prior to place an order.
- Custom sizes and shapes are also available according to customer's drawings and specifications - labor charges applied.
- Shear modulus testing must be done on complete bridge bearing and is the responsibility of the bridge bearing manufacturer.