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AASHTO GRADE PLAIN BEARING PADS

Scougal Rubber Corporation offers high quality Neoprene (polychloroprene) and natural rubber (polyisoprene) bearing pad material to meet AASHTO and many other specifications. Plain bearing pads are used for a variety of purposes in the bridge and construction industries. They allow for expansion and contraction of precast and steel components. The amount of movement depends on the thickness of the bearing pad. They are also used to minimize the effects of vibration on the structure and to dissipate noise. We have material to meet the specifications of all 50 states and Canada.

Type:	We provide both Natural Rubber and Neoprene.
Sizes:	Our Material is available in thickness as thin as 1/8" and as thick as 18".
Shapes:	Our standard product is provided in 36" and 48" widths. We can custom mold virtually any size and shape.
Hardness:	AASHTO allows for hardness in the range of 50 to 70 durometer.

Specifications met:

- AASHTO section 18, grade 3 and lower (neoprene)
- AASHTO section 18, grade 5 and lower (natural rubber)
- AASHTO M251, level I and II.
- AREMA section 18.
- Caltrans, section 51.
- ASTM D4014.

Standard Material Physical Properties

	<u>Neoprene</u>		
	50	60	70
Hardness, Shore A	45-55	55-65	65-75
Tensile, min. psi	2250	2250	2250
Elongation, % min.	400	350	300
Compression Set % max 22 hours @ 212 degrees F	35	35	35

	<u>Natural Rubber</u>		
	50	60	70
Hardness, Shore A	45-55	55-65	65-75
Tensile, min. psi	2500	2500	2500
Elongation, % min.	450	400	350
Compression Set % max 22 hours @ 158 degrees F	25	25	25