

ISOFLEX™ PADS

ALP Isoflex™ cotton duck pads are reinforced pads that are used when a higher compressive strength is needed. These pads are reinforced with horizontal layers of fabric, bonded in the elastomer. Designed with a high load capacity (10,000 PSI), Isoflex™ Pads are used to control shock and vibration and create a uniform bearing area. This material conforms to **AASHTO Section 18.4.10.1 Grade III and MIL-C-882E**.



ADVANTAGES:

- Preformed fabric pads for high loading conditions
- Absorbs and reduces shock and vibration
- High capacity compressive strength (10,000 PSI)
- Conforms to AASHTO Section 18.4.10.1 Grade III
- Tested in accordance with MIL-C-882E

SPECIFICATIONS:

Multiple layers of 8 oz square woven cotton impregnated with oil resistant neoprene. Frequently used as die press shock absorption pads and bearing pads for prestressed concrete bridge beams and parking structures. Designed to handle compressive stresses up to 10,000 PSI.

Permanent Set Test	
Compressive Stress (PSI)	% Max
10,000	13

Specification Requirements	
Thickness (No Load)	Nominal ± 5%
Density	67 LB/CU FT. Min
Volume Swell (%)	25 Max
Fabric	8 oz. Poly Cotton
Delamination	None
Fungus	None
Average Compressive Strength	10,000 (PSI)
Plan Size Tolerance	± 1/8"
Hardness	(Shore A) 90 ± 5

Bearing Pad Thickness Tolerance = 15% or ± 1/16", whichever is greater
Bearing Pad Plan Dimensions Tolerance = 3% or ± 1/8", whichever is greater