Fabreeka® Bearing Pads

Fabreeka pads are the original "fabric reinforced" bearing pad used in industry since 1918. The multiple laminations of rubber and fabric allow for large loading with minimal creep and virtually no shape factor associated with unreinforced bearing pad materials.

Fabreeka pads were first used as a bridge bearing in 1936 and are commonly used as a structural bearing element accommodating surface irregularity and rotations between load bearing faces. Fabreeka material is also used for vibration and shock applications.

Features and Attributes

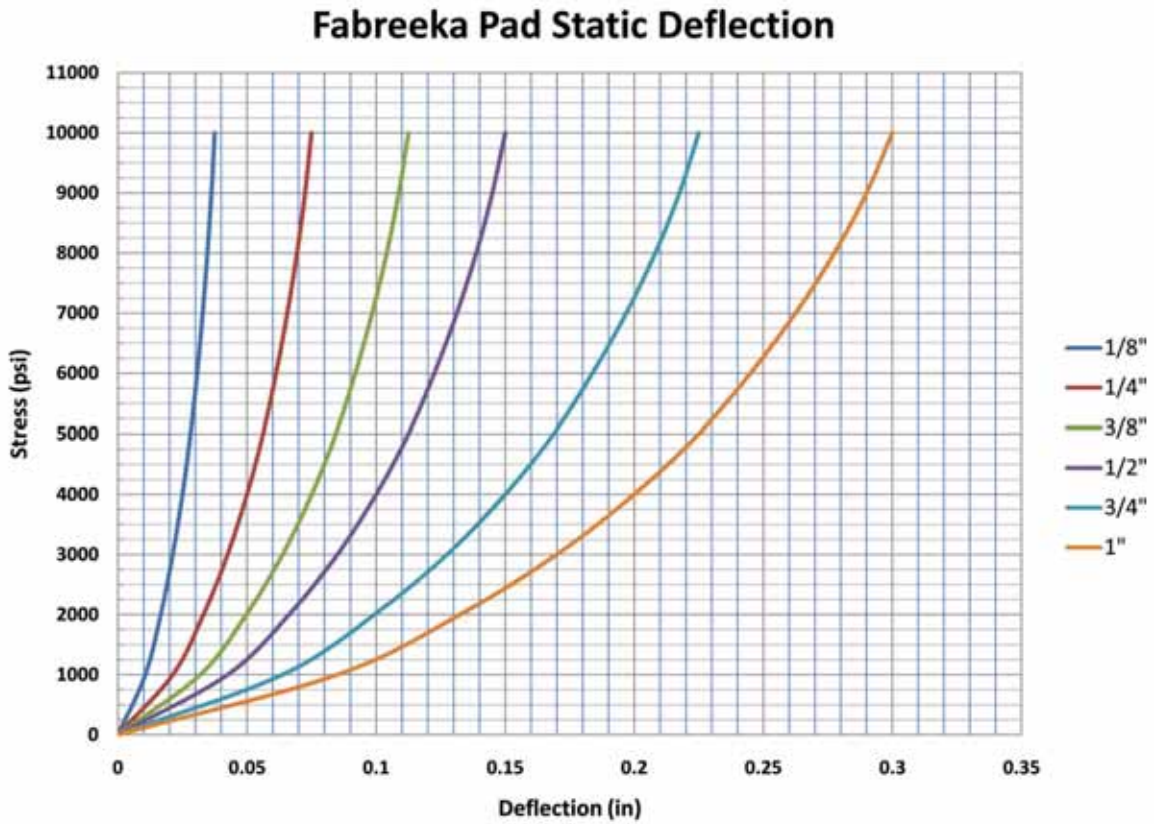
- Distributes load between two structural elements evenly
- Accommodates non-parallel, load bearing surfaces
- Allows for rotations up to 0.02 radians under high pressure
- Ultimate compressive strength of 20,000 psi
- Meets AASHTO 18.4.9.1, MIL-C-882 and most state DOT specifications
- Provides vibration and shock isolation in structural applications

Physical Properties

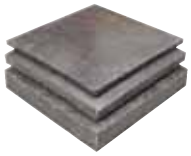
PROPERTY	TEST	SPECIFICATION
Hardness: Shore "A"	ASTM D2240	90±5
Tensile Strength:	ASTM D412	5,500 psi (min)
Ultimate Elongation:	ASTM D412	17% (max)
Compressive Strength:		10,000 psi (min)
Modulus of Elasticity:		23,000 psi (max)
Environmental:	MIL-E-5272	Pass

Specification for Fabreeka® Bearing Pads

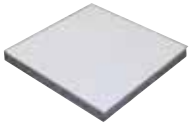
The bearing pads shall be manufactured of all new (unused) materials and composed of multiple layers of prestressed 50/50 cotton-polyester blend duck, 8.1 ounce per net square yard, duck warp count 50 ± 1 threads per inch and filling count 40 ± 2 threads per inch, impregnated and bound with a high quality, oil-impervious nitrile rubber compound, containing rot and mildew inhibitors and anti-oxidants, compounded into resilient pads of uniform thickness. The pads shall withstand compressive loads perpendicular to the plane of laminations of not less than 10,000 psi before breakdown.



Additional Products for Building & Construction



SA-47 Bearing Pads



PTFE Bearing Pads

Structural Expansion Bearings

Flexible Drain Trough

If you have any questions regarding how Fabreeka's products comply with various regulations, please refer to our website at www.fabreeka.com/product-compliance.

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