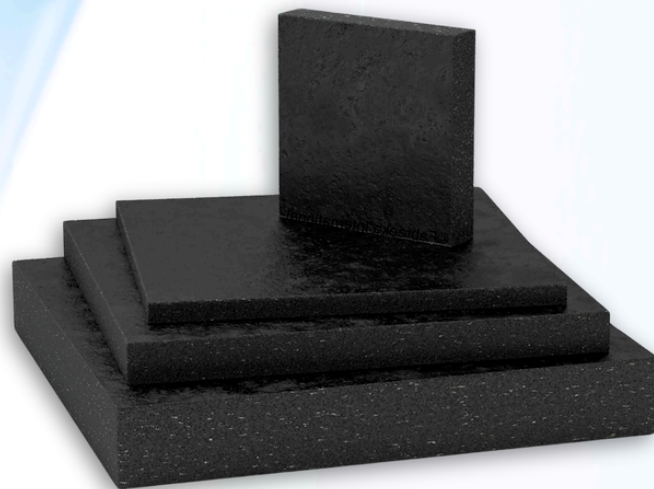


# FABREEKA SA-47<sup>®</sup> PADS

## COST-EFFECTIVE AND ENVIRONMENTALLY FRIENDLY

- Withstands compressive load up to 8,000 psi
- Evenly distributes load between two structural elements
- Accommodates non-parallel, load bearing surfaces
- Allows for small rotations
- Meets most DOT and federal specifications for reinforced elastomeric pads and masonry pads
- Effective temperature range is 0°F to 180°F



SA-47 bearing pads are made from masticated rubber using a blend of recycled rubber compounds and synthetic fiber reinforcement. The random oriented fibers, provide enhanced compressive strength, stiffness, and tensile strength when compared to unreinforced or virgin bearing pad materials.

Since 1947, SA-47 random oriented fiber bearing pads have been widely used in construction applications such as structural bearings, precast/prestressed concrete structures, bridges, masonry pads, and railway tie pads. SA-47 material is also utilized for vibration isolation and shock reduction applications.

## PHYSICAL PROPERTIES

PROPERTY	TEST	SPECIFICATION
*Hardness - Shore "A":	<b>ASTM D2240</b>	80 ± 5
*Tensile Strength:	<b>ASTM D412</b>	741 psi (min) ± 25%
*Elongation:	<b>ASTM D412</b>	15% (min) ± 25%
Compressive Strength:	<b>ASTM D575</b>	8,000 psi
Tear Strength:	<b>ASTM D624</b>	150 psi
Low-Temp Brittleness:	<b>ASTM D2137</b>	PASS

\*Initial Heat Aged - Per ASTM D573, Method C, 70H@70°F



**FABREEKA<sup>®</sup>**

A STABILUS COMPANY

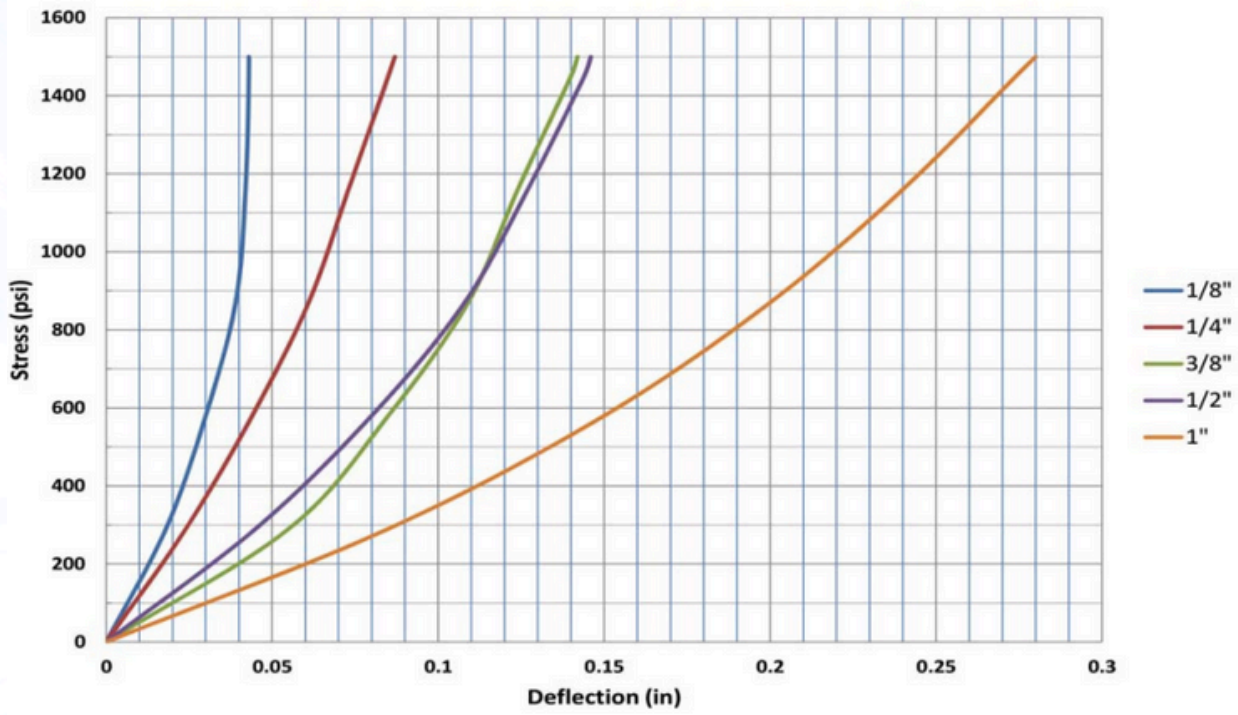
1023 TURNPIKE ST // STOUGHTON, MA 02072 // 1-800-322-7352

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## SPECIFICATION FOR FABREEKA SA-47<sup>®</sup> PADS

The preformed pad shall consist of a fabric and rubber body. The pad shall be made with new, unvulcanized rubber and unused fabric fibers in proper proportion to maintain strength and stability. The surface hardness expressed in standard rubber hardness figures shall be 80 Shore "A" Durometer  $\pm 10$  durometer average. The ultimate breakdown limit shall be no less than 8,000 lbs. per square inch for the specified thickness without extrusion or detrimental reduction in thickness. The pad shall be furnished to specified dimensions with all bolt holes accurately located.

### SA-47 STATIC DEFLECTION

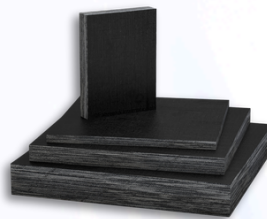


**Note:** Deflection tolerance = 15%. Average deflections are based on ASTM D575.

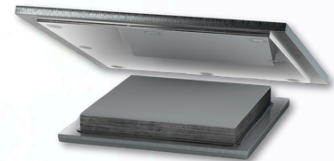
## ADDITIONAL PRODUCTS AND SOLUTIONS



ISOLATION WASHERS & BUSHINGS



FABREEKA PAD



STRUCTURAL EXPANSION BEARINGS



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