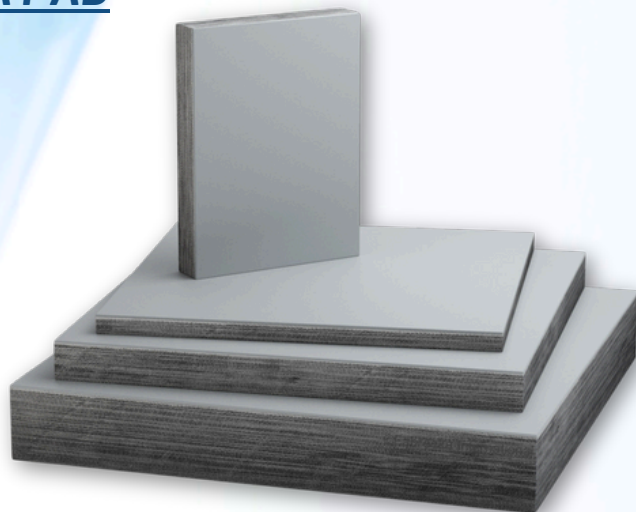


FABREEKA®-PTFE PADS

MADE WITH OUR SIGNATURE **FABREEKA PAD**

- Commonly used in structural expansion bearings and pipe slides
- Bearing pad meets AASHTO 17th Edition 18.4.9.1 DIV II, MIL-C-882, and most state DOT specs
- Accommodates lateral movement and rotation
- Allows for rotations up to 0.02 radians under high pressure
- Low coefficient of friction via PTFE surface
- Effective temperature range is -65°F to 400°F
- Impervious to most oils, steam, water, mildew, and brine



Fabreeka-PTFE bearing pads are manufactured using Fabreeka pad material with a Teflon® (PTFE) surface. The virgin Teflon is heat-cured to the Fabreeka pad using a rigid, laminated thermoplastic (LTP) layer. The rigid LTP layer prevents the PTFE from expanding or flowing under compressive load and rotation, also known as "cold flow," as the bearing pad compresses.

Fabreeka-PTFE bearing pads are used where it is necessary to accommodate lateral movement (expansion). The PTFE provides a low-friction sliding surface on the Fabreeka bearing pad, which distributes high compressive loads and accommodates rotations. In a structural bearing design, polished stainless steel is typically used as the smooth surface that the PTFE slides against.

PHYSICAL PROPERTIES

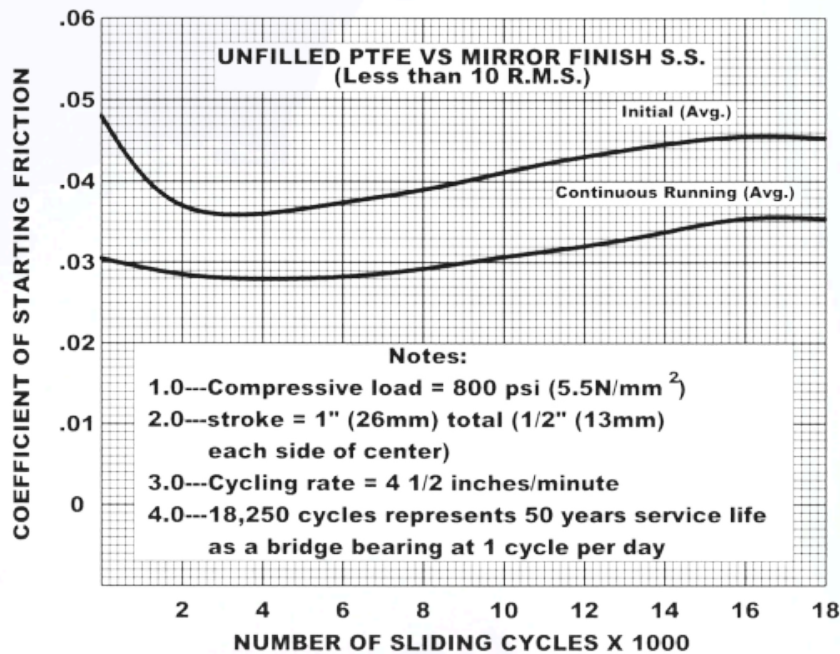
PROPERTY	TEST	SPECIFICATION
Hardness - Shore "A":	ASTM D2240	50-65 Durometer D
Tensile Strength:	ASTM D4894/4895	2,800 psi (min)
Ultimate Elongation:	ASTM D4984/4895	200% (min)
Deformation Under Load: 78°F - 2,000psi (1/2"x1/2"x1/32")	ASTM D621	4% (max)
Specific Gravity:	ASTM D792	2.14 to 2.21



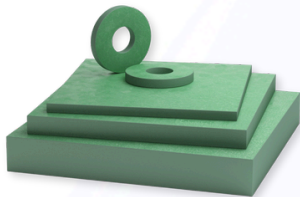
SPECIFICATION FOR FABREEKA®-PTFE PADS

The bearing pad 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.

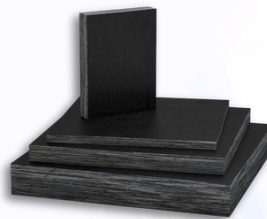
The Polytetrafluorethylene (PTFE) self-lubricating surface element shall be composed of 100 percent virgin (unfilled) polytetrafluorethylene polymer and bonded to a rigid confining substrate. The substrate shall limit the flow (elongation) of the confined PTFE to not more than 0.009 inches under a load of 2,000 psi for 15 minutes at 78°F for a 2-inch x 3-inch test sample. The virgin (unfilled) PTFE shall have a thickness of not less than 1/32 of an inch.



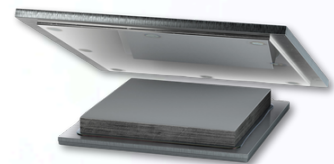
ADDITIONAL PRODUCTS AND SOLUTIONS



FABREEKA-TIM THERMAL BREAK



FABREEKA PAD



STRUCTURAL EXPANSION BEARINGS



A STABILUS COMPANY

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

info@fabreeka.com // WWW.FABREEKA.COM