PRES·ON®

FOAM TAPES

VITON SERIES

Viton® Fluoroelastomer Foam: Chemical and Temperature Resilient Foam

Recommended for gaskets and sealing applications where low seal pressures are required

FEATURES and BENEFITS: • Closed Cell Foam • High Performance Acrylic Adhesive for Durable Bond • Excellent Temperature Range • Highly Compressible, resilient, lightweight and provide good thermal insulation • Excellent Chemical Resistance

FOAM SPECIFICATIONS: • ASTM D1056 2B2 • REACH (EC 1907/2006) (06/25/2020, 209 SVHC) Compliant

PROPERTIES	RESULT
COLOR	BLACK
FINISH	SMOOTH, Skin (top and bottom)
THICKNESS	1/8", ¼", 3/8", ½"
DENSITY	1/8" - 19 lbs./cu. ft. 1/4" - 17 lbs./cu. ft. 3/8" - 15 lbs./cu. ft. 1/2" - 10 lbs./cu. ft.
COMPRESSION DEFLECTION 25% Deflection	**Original** **7 Days at 400° F** 1/8" - 6.5 psi 1/8" - 9.0 psi 1/4" - 5.5 psi 1/4" - 7.5 psi 3/8" - 4.0 psi 3/8" - 6.0 psi 1/2" - 3.5 psi 1/2" - 5.0 psi
COMPRESSION SET (%)	1/8" - 27% (22 hours at 75°F), 100% (22 hours at 158°F) 1/4" - 13% (22 hours at 75°F), 100% (22 hours at 158°F) 3/8" - 14% (22 hours at 75°F), 100% (22 hours at 158°F) 1/2" - 17% (22 hours at 75°F), 100% (22 hours at 158°F)
WATER ABSORPTION (% Weight Increase)	1/8" - 0.00% 1/4" - 0.02% 3/8" - 0.06% 1/2" - 0.01%
TEMPERATURE RANGE	**FOAM**: -10°F to +400°F/500°F **ADHESIVE:** -40°F to +350°F recommended application: above 50°F *Compression of the foam in elevated temperatures will have an adverse effect on the reliance of the material.
TENSILE STRENGTH, psi	146 psi
ELONGATION, %	343%
ADHESIVE (no adhesive available)	**ACRYLIC ADHESIVE ON ONE SIDE** 2-mil thick, high performance pressure sensitive adhesive on paper liner. Loop Tack: 8.6 lbs./in. PSTC-16-Method A Adhesion to Steel: 8.8 lbs./in. 24 hr dwell PSTC-101-Method A 8.5 lbs./in. 30 min dwell PSTC-101-Method A Shear: 55+ hrs time to fail @ 1 KG weight 72°F PSTC-107- Method A

APPLICATION NOTES: Ensure bonding surfaces are well unified, clean, dry, and free of dirt and oils. Apply firm and even pressure to improve adhesive-to-surface contact. Allow proper temperature and time to enhance bond strength.

For Terms and Conditions: visit https://www.preson.com/terms-conditions/