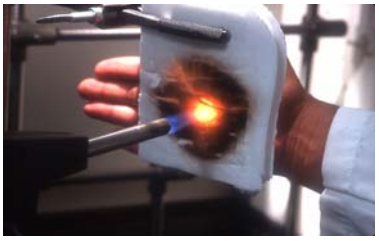
ULTRAFLEX FOAM
based on KYNAR® PVDF resin

Series 3000 Foam

ACTON TECHNOLOGIES

A unique new technology creates open-celled construction foams that exhibit most of the known properties of Arkema's KYNAR® polyvinylidene fluoride (PVDF) fluoropolymer without the use of blowing agents or melt processing.

- Low smoke and toxicity generation
- Direct Flame Penetration Resistance
- Viscoelastic
- Open Celled Construction
- Not affected by UV or Radiation
- Weatherable
- Water Repellent
- Broad Chemical Resistance
- Glass Fiber Filled
- Available with acrylic adhesive and foil backing



Foam Specification	Value	Unit of Measure
Durometer Hardness	70	Shore OO
Foam Firmness	8 to 10	Firmness Rating Scale
Tensile Strength	150 – 275	Pounds per Square Inch
Elongation	25	Percent
Maximum Length	48	Inches
Maximum Width	24	Inches
Minimum Thickness	3/32	Inches
Maximum Thickness	1-1/2	Inches
Density Minimum	8.5	lbs per cubic ft
Density Maximum	25.5	lbs per cubic ft
Air Space Minimum	70	Percent
Air Space Maximum	92	Percent
Minimum Temperature	–15	Degrees Fahrenheit
Maximum Temperature	620	Degrees Fahrenheit
Compression 25% Deflection	3.5	Pounds Per Square Inch
Compression 50% Deflection	5.5	Pounds Per Square Inch
Compression Recovery	14	Percent
Compressibility	56	Percent
Filler	Virgin Fine Glass Fiber	
Backing	None	
Color	White	

*****All values for reference only, not to be used for specifications*****

For information on your application, please contact the exclusive fabricator of KYNAR ULTRAFLEX™ foams:

ACTON TECHNOLOGIES

Steve Marsh
New Product Development Manager
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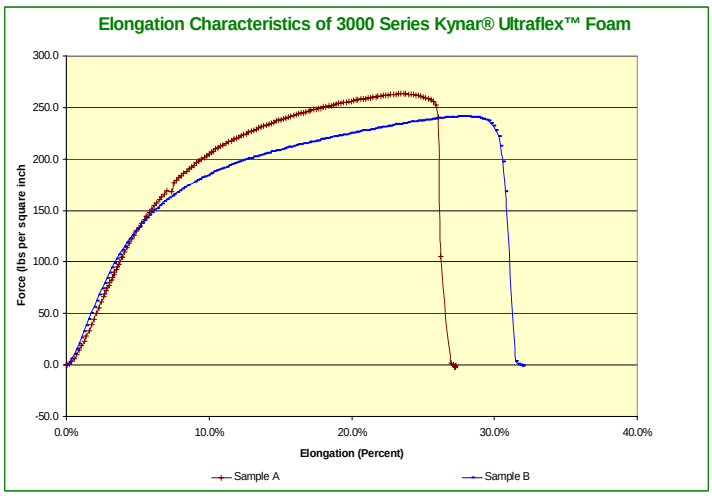
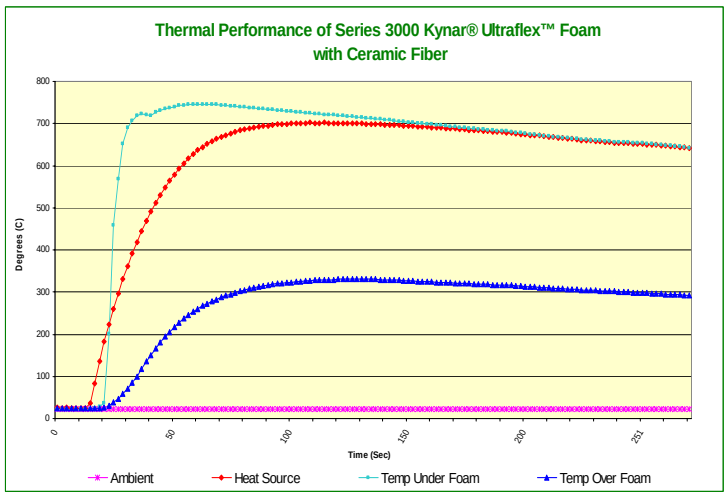
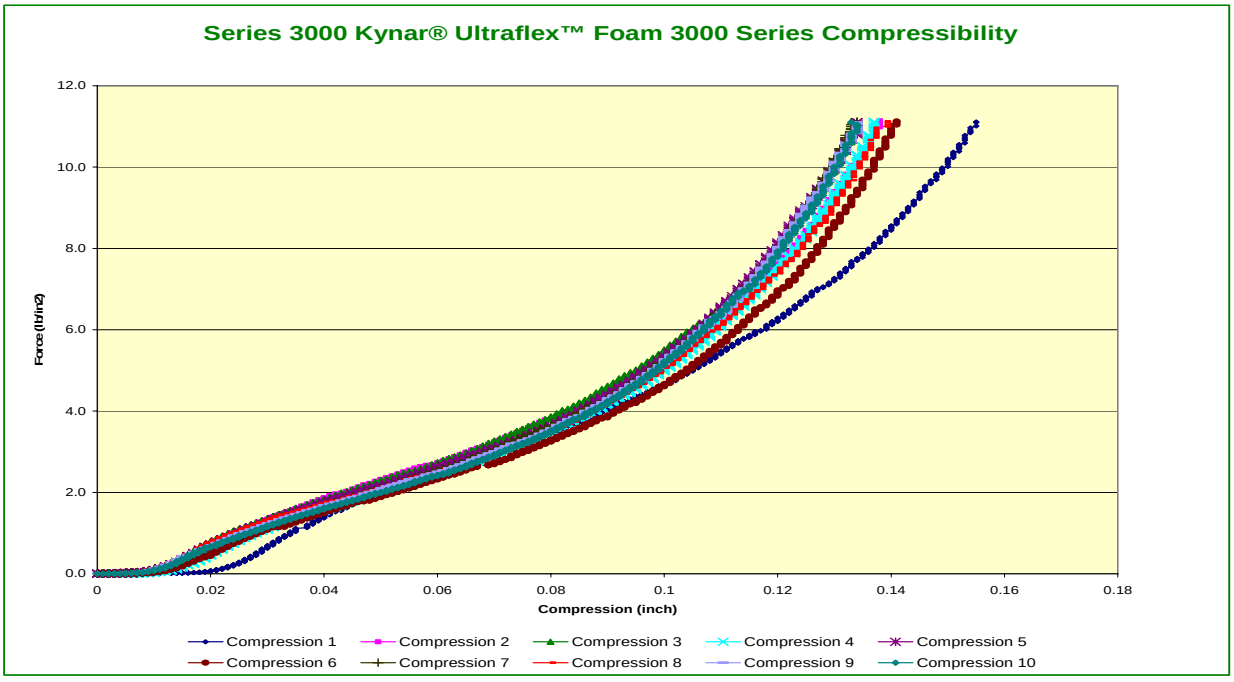
CHEMICAL RESISTANCE

Kynar® resins demonstrate excellent resistance to an extensive array of chemicals. They resist attack from most inorganic acids and alkalis, aliphatic and aromatic hydrocarbons, organic acids, alcohols and halogenated solvents. However, strong alkalis (i.e. pH >12) and strong polar solvents such as acetone, ethyl acetate, dimethylformamide and dimethylacetamide can impede the effectiveness of Kynar® resins. Foam performance may be slightly lower to solid performance but will have a comparative effect. Fillers may change chemical resistance properties.







KYNAR ULTRAFLEX™ is a trademark of Arkema, Inc., Philadelphia, PA

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