

F-1 Technical Specifications

Material Description: Modified vinyl based terpolymer. Formulation meets specifications of ANSI/NSF61 and AWWA D130.

Available Thicknesses: 0.040", 0.065", 0.080". Single ply, extruded

Typical Applications: Corrosion resistant against most inorganic acids, in a wide concentration range, against caustic, and a limited number of organic chemicals. Primary use is for potable water. Uses also include water treatment and containment of acetic acid, vinegar, sugar solutions, molasses, phosphoric acid, detergents, wine, pharmaceutical materials, bleach, fruit preserves, jam, syrup, soft drinks, animal feed stock, whiskey, etc.

All information is based on tests and field application. This information is believed to be reliable, but no responsibility will be assumed by Flexi-Liner Corporation for results based on this information.

PROPERTY	ASTM OR TEST METHOD	VALUE
Specific Gravity	D-12-27	1.32
Durometer Hardness "D"	D-676	65
Tensile Strength, psi	D-412	3200
Modulus at 300% Elongation, psi		2100
Elongation at Break, %	D-638	325
Graves Tear, lbs./in.	D-624	420
Low Temp. Brittleness Point	D-746	-32° F.
Distortion Point		350° F.
Max Temp. Continuous Operation		150° F.

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