

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" MILS. 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. |

New Life for Old Tanks, Long Life for New Tanks