

H-1 Technical Specifications

- Material Description:** Modified vinyl based terpolymer, for applications at elevated temperatures, up to 200° F. continuous use (depending on chemicals and mechanical conditions).
- Available Thicknesses:** 0.020", 0.040", 0.050", 0.060", 0.080", 0.100", and 0.125".
Single ply, extruded
- Typical Applications:** Extremely corrosion resistant against most inorganic acids, in a wide concentration range, against caustic, and a limited number of organic chemicals. To be used for almost all plating, etching, leaching solutions, all fertilizers, bleach steel pickling, for water purification, water treatment chemicals, paper chemicals, 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-1505	1.24
Durometer Hardness "D"	D-67685	-90 (Shore A)
Tensile Strength, psi	D-882	2600 (Min)
Modulus at 100% Elongation, psi	D-882	1600 (Min)
Elongation at Break, %	D-882	350 (Min)
Low Temperature Flex:	D-1043	-30 C
High Temperature Limit:		
Constant:	D-1043	180° F.
Intermittent:	D-1043	200° F.
Heat Stability	Monsanto test	Excellent

Note: Any temperature in excess of room temperature will eventually lower the life of the product. All flexible PVC films contain various plasticizers, which will exude at different rates and temperatures and will affect the properties of the film.

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