



Bloomer Plastics HLC Film

Multilayer Adhesive Film

Bloomer Plastics creates all our Adhesive films with 100% virgin resins, assuring consistent quality from one order to the next.

Bloomer Plastics adhesive films are activated by heat, pressure, or a combination of both. Our Heat activated films maintain their integrity at working temperatures and are easier to handle in comparison to other adhesive technologies.

Adhesive **HLC Film** can adhere to a wide variety of substrates including:

- Fiberglass
- Foams
- Nonwovens
- Scrim
- Rigid Urethane

Material Description	BPI Adhesives HLC Film
DSC Lower Melt Point	85 °C 184 °F
DSC Upper Melt Point	120 °C 248 °F
Available Gauge	2.0 – 15.0 mil
Available Width	7" - 80" (178 - 2,032mm)

Adhesive Film Properties

- Higher Temperature Inner Layer
- Provides reduced cycle times for automotive interior trim applications
- Heat-activated, thermally stable
- Various Colors and Embossing Patterns available
- Bloomer Plastics can corona treat this film upon request

Physical Property*	Test Direction	Typical Values	Units	Test Method
Tensile Elongation	Machine Direction	600	(%)	ASTM D882
	Transverse Direction	650	(%)	ASTM D882
Tensile Strength	Machine Direction	4000	(psi)	ASTM D882
	Transverse Direction	3500	(psi)	ASTM D882
Tensile Modulus (1% Secant)	Machine Direction	20,000	(psi)	ASTM D882
	Transverse Direction	25,000	(psi)	ASTM D882
Elmendorf Tear Strength	Machine Direction	150	(g/mil)	ASTM D1922
	Transverse Direction	400	(g/mil)	ASTM D1922

*Physical Properties measured using a 3.0 mil film.

This is a table of typical values expected for the aforementioned product only. These typical values are not to be considered a specification for these properties. Typical values cannot be considered specific rejection criteria. If definitive tear and tensile properties are a requisite for the film, a true specification can be developed and provided after sufficient production experience.

Bloomer Plastics will work with you to customize film properties to meet your application. Your custom designed, heat activated film will be created to satisfy *your* process's requirements.

Call us to discuss your specific needs. 1-800-638-0479



Registered to
ISO 9001