Blood & IV Bag Labeling Solutions

Products for Specialty Healthcare Applications

Label performance you demand

Robust product performance and extensive adhesive safety testing are key for specialty healthcare applications like bloodbag and IV bag labeling. Primary and secondary labels must withstand extreme hot and cold temperatures common to blood processing protocols. Primary labels, in particular, must offer enhanced moisture and heat resistance to withstand autoclave sterilization and potential exposure to warm water baths.

Label solutions you can trust

At Avery Dennison, primary blood and IV label stock must undergo rigorous evaluation for acceptability. FDA815S, AT1, and AT20N were tested in accordance with the FDA's guidelines for the Uniform Labeling of Blood and Blood Components. For convenience, safety of potential recipient exposure data is available for end users in an FDA drug master file. In addition, all three adhesives have undergone biological reactivity and hemolytic testing to further establish their suitability for use in bloodbag and IV bag labeling.

Facestock Descriptions

Primary applications

Pli-A-Print®	Latex impregnated, clay coated paper. High internal strength and moisture resistance. Good conformability and flexibility. Fair printability with solvent/water-based flexo, screen, and offset.
Teslin	Teslin is a unique white film facestock in that has the ability to breathe. In addition it offers high temperature resistance, dimensional stability, and a high degree of conformability.

Secondary applications

TransCode®	White polyolefin thermal transfer printable film specially engineered to be receptive to a variety of thermal transfer ribbons.
Smudgeproof Kimdura®	White biaxially oriented three-ply polypropylene film specially treated for computer imprintability. Suitable for dot matrix and thermal transfer printing applications with select ribbons

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Product Information

Adhesive	Autoclave Category	Autoclave Sterilization	Adhesion		
			PVC	PP	Glass
AT1B	Emulsion Acrylic	●	●	●	●
AT20N	Emulsion Acrylic	●	●	●	●
FDA815S	Solvent Acrylic	●	●	●	●

*Application-specific testing required.

Key

- Recommended ●
- Product dependent/ testing recommended ●
- Not Recommended ●

Typical Adhesive Performance Characteristics*

Adhesive	Minimum Application Temperature	Service Temperature Range	FDA 21 CFR 175.105 Compliant	US Pharmacopeia Biological & Hemolytic Testing (USP XXIV)	FDA Drug Master File Listing
AT1-B	-10° F	-65° F to +250° F	Yes	Pass	Yes
AT20N	-20° F	-65° F to +200° F	Yes	Pass	Yes
FDA815S	+50° F	-40° F to +200° F	Yes	Pass	Yes

Primary Application Specifications

Paper/Film	Spec#	Facestock	Adhesive	Liner
Paper	02730	Pli-A-Print®	FDA815SB	40#SCK
	96549	Smudgeproof Pli-A-Print®	AT1B	50#SCK
Film	79561	Teslin	AT1B	50#SCK ABC

Secondary Application Specifications

Paper/Film	Spec#	Facestock	Adhesive	Liner
Film	72981	TransCode®	FDA815SB	50#SCK

For the most up-to-date product list, visit label.averydennison.com

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