



The trend is clear. Pharmaceutical primary packaging is steadily shifting away from the standard plastic pill bottle in favor of more innovative solutions. Driven by injectable market growth – pre-filled syringes, autoinjectors, vials and ampoules – are reaching new heights of popularity for healthcare applications.

Syringe Labeling Made Simpler

Labeling Solutions for Injectable Devices

More than ever, converters seek safe, compliant label stock solutions that meet end users high standards for tight mandrel performance. Poor label selection can result in common label failures such as edge lift on some of the world's most expensive pharmaceuticals applications. The best label stock solutions combine low migration, high-performance adhesives with flexible paper or film facestocks. Choosing the right label stock can help you avoid the costly failures at packaging line.

Syringe and other tight mandrel pharmaceutical applications require a range of product offerings that include:

- Robust adhesive change notification commitment
- Compliant solutions featuring low migration adhesives
- Superior adhesion properties on a variety of small diameter substrates
- Sterilization-friendly products: Heat, steam, and chemical resistant
- Photoluminescent options for missing label detection using UV-light



Specifications

	Facestock	Spec#	Adhesive	Liner	FDA175.105, ROHS, Wee Compliant	ISO10993 Toxicology Testing - Adhesive Results	Low Migration Risk	Luminescent
Film	2.6 Mil White BOPP TC	79059	S727	1.2 Mil PET	Complies	Pass	X	
		79039	S717P	1.2 Mil PET	Complies	Pass	X	
	2.0 Mil Clear BOPP TC	78797	PL730	1.5 Mil PET	Complies	Not Tested	Not Tested	X
		75466	PL730	50#SCK	Complies	Not Tested	Not Tested	X
		79062	S727	40BG	Complies	Pass	X	
Paper	Lightweight Pharma Litho	07944	S727	40#SCK (ABC)	Complies	Pass	X	
		53282	S717P	Ultraliner®	Complies	Pass	X	

Note: Please refer to the Avery Dennison Customer-Ready Pharmaceutical Portfolio for more information about syringe/tight mandrel pharmaceutical labeling options

Typical Adhesive Performance Characteristics*

Adhesive	Minimum Application Temperature	Service Temperature Range	Application	Adhesive Change Notification Commitment	Small Diameter (1/4 inch)*			Sterilization*		
					Glass	PE	PP	Autoclave	ETO	Gamma
S727	+50° F	-65° F to +250° F	Ethical Drugs & Medical Devices	12 months	Good	Good	Good	Good	Good	Good
S717P	+50° F	-65° F to +250° F		12 months	Good	Good	Good	Good	Good	Good
PL730	+45° F	-40° F to +300° F		3 Months	Good	Good	Good	Good	Good	Good

*Application-specific testing required

Facestock Characteristics

	Facestock	Caliper	Print Registration	Die Cutting	Dispensing	Conformability	Transparency
Film	2.6 Mil White BOPP TC	0.0026 inches	Good	Good	Good	Good	Not Recommended
	2.0 Mil Clear BOPP TC	0.0020 inches	Good	Good	Good	Good	Good

	Facestock	Basis Weight & Caliper	Print Resolution	Date Stamping	Flexibility	Opacity	Gloss
Paper	Lightweight Pharma Litho	40# 2.8 Mil	Good	Good	Good	Good	Not Recommended

Key

Excellent	Good
Good	Not Recommended
Not Recommended	

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