

# Syringe Portfolio

## Labeling Solutions for Injectable Devices

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.

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 costly failures at the 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



## Product Information

### Key

Excellent ●Good ●Not Recommended ●

### 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	●	●	●	●	●	●
S717P	+50° F	-65° F to +250° F		12 months	●	●	●	●	●	●
PL730	+45° F	-40° F to +300° F		3 Months	●	●	●	●	●	●

Application-specific testing required

### Facestock Characteristics

Paper/Film	Facestock	Caliper	Print Registration	Die Cutting	Dispensing	Conformability	Transparency
Film	2.6 Mil White BOPP TC	0.0026 inches	●	●	●	●	●
	2.0 Mil Clear BOPP TC	0.0020 inches	●	●	●	●	●

	Facestock	Basis Weight & Caliper	Print Registration	Date Stamping	Flexibility	Opacity	Gloss
Paper	Lightweight Pharma Litho	0.0028 inches	●	●	●	●	●

Spec#	Product Description	FDA175.105, ROHS Wee Compliant	Low Migration Risk	Luminescent
<b>Film</b>				
79040	2.6M WH BOPP TC/S717P/40#BG	X	X	
79039	2.6M WH BOPP TC/S717P/1.2M PET	X	X	
79060	2.6M WH BOPP TC/S727/40#BG	X	X	
79059	2.6M WH BOPP TC/S727/1.2M PET	X	X	
B3585	2M CL BOPP TC/S717P/40#BG	X	X	
B3582	2M CL BOPP TC/S717P/1.2M PET	X	X	
B3595	2M CL BOPP TC/S727/40#BG	X	X	
B3594	2M CL BOPP TC/PL730/1.5M PET	X	Not Tested	X
<b>Paper</b>				
53285	LT WT PH LITHO/S717P/40#SCK	X	X	
53343	LT WT PH LITHO/S717P/1.2M PET	X	X	
53282	LT WT PH LITHO/S717P/ULTRALINER	X	X	
07944	LT WT PH LITHO/S727/40#SCK	X	X	
07945	LT WT PH LITHO/S727/50#SCK (ABC)	X	X	
19458	LT WT PH LITHO/S727/1.5M PET	X	X	
07948	LT WT PH LITHO/S727/ULTRALINER	X	X	

Note: Please refer to the Avery Dennison Pharmaceutical and Healthcare Collection for more information about syringe/tight mandrel pharmaceutical labeling options

[label.averydennison.com](http://label.averydennison.com)

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