

# 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	<span style="color: green;">●</span>
Good	<span style="color: lightgreen;">●</span>
Not Recommended	<span style="color: red;">●</span>

### 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	<span style="color: green;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: green;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>
S717P	+50° F	-65° F to +250° F		12 months	<span style="color: green;">●</span>	<span style="color: green;">●</span>	<span style="color: green;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>
PL730	+45° F	-40° F to +300° F		3 Months	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>

Application-specific testing required

### Facestock Characteristics

Paper/Film	Facestock	Caliper	Print Registration	Die Cutting	Dispensing	Conformability	Transparency
Film	0.0026 inches	2.6 Mil White BOPP TC	<span style="color: green;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: red;">●</span>
	0.0020 inches	2.0 Mil Clear BOPP TC	<span style="color: green;">●</span>	<span style="color: green;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>

  

	Facestock	Basis Weight & Caliper	Print Registration	Date Stamping	Flexibility	Opacity	Gloss
Paper	Lightweight Pharma Litho	T 40# 2.8 Mil	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: lightgreen;">●</span>	<span style="color: red;">●</span>

Spec#	Product Description	FDA175.105, ROHS Wee Compliant	Low Migration Risk	Luminescent
<b>Film</b>				
79059	2.6 Mil White BOPP TC/S727/1.2 Mil PET	Complies	X	
79039	2.6 Mil White BOPP TC/S717P/1.2 Mil PET	Complies	X	
B3594	2.0 Mil Clear BOPP TC/PL730/1.5 Mil PET	Complies	Not Tested	X
75466	2.0 Mil Clear BOPP TC/PL730/50#SCK	Complies	Not Tested	X
B3595	2.0 Mil Clear BOPP TC/S727/40#BG	Complies	X	
B3582	2.0 Mil Clear BOPP TC/S717P/1.2 Mil PET	Complies	X	
<b>Paper</b>				
07944	Lightweight Pharma Litho/ S727/40#SCK (ABC)	Complies	X	
53282	Lightweight Pharma Litho/S717P/Ultraliner®	Complies	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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