

# Small-diameter labelling



Pharmaceutical containers, are small – with typical volumes of 10-150 ml and diameters of 15-50 mm. Only a label adhesive with excellent mandrel performance can ensure successful conversion and dispensing.

There is growing demand for self-injection devices across the medical segment, thanks to many different benefits including better dosage security and sterility. The challenge to label converters is how to address such small diameters and low energy (e.g. PE/PP) substrates.

Avery Dennison offers a sophisticated portfolio of labelling solutions designed for small-diameter pharmaceutical labelling applications. It provides outstanding tight mandrel performance, a low risk of adhesive migration, edge lift, and 12-month advance change notification\*.

Options include low-migration pharmaceutical adhesives S692NP and S717P. The first delivers exceptionally low migration (important as plastic use grows), while S717P minimises edge lift on low surface-energy substrates, down to 10 mm in diameter.

## Key features

- ▶ Outstanding mandrel performance on small diameter containers
- ▶ Availability and change notification 12 months in advance\*
- ▶ Compliance with FDA and European food regulations

## Application areas

- ▶ Prescription medicines or drugs
- ▶ Over-the-counter (OTC) products
- ▶ Auto-injector pens for diabetics, autoimmune deficiencies and more
- ▶ Pre-filled syringes and vials
- ▶ Small diameter containers: 15-50 mm diameter
- ▶ Glass, PE and PP substrates (including treated, slip-coated or varnished)
- ▶ Low migration labels for thin-walled LDPE containers
- ▶ Any application requiring excellent mandrel performance

\* only applies to the following adhesives: S2000NP, S2045NP, S717P, S692NP

## Product information

Product Code	Product Description	Location	Width (mm)
SW7053F	LW 60 FSC/S2090/BG40WH IMP	ASEAN	1000
F16502.1525	FASSON@LW60 FSC/S2045N/BG40WH	ASEAN	1000
SY7015	PHARMA TC CLEAR PP30 / S902P / BG40 WH IMP	ASEAN	1000
SW7054F	FASSON LW60/S2420/BG40WH IMP	ASEAN	1000

### Meeting the pharmaceutical compliance challenge

All manufacturers of pharmaceutical packaging have to meet the challenges posed by new regulations and stronger packaging guidelines. There is growing pressure to understand rules in detail, and to make absolutely sure every package is compliant. That means rising demand from pharmaceutical companies for customised tests and individual packaging material certification.

The Avery Dennison Pharma and Complete Compliance Expert Team is always on hand to give converters and pharmaceutical companies detailed information, full transparency and technical support. These are essential resources when navigating the complexities of pharmaceutical applications and making sure the end result is both successful and compliant.

Label and plastic packaging solutions should comply with the following:

- ▶ European food regulation 1935/2004/EC, including 10/2011/EU guidance on plastic materials and articles intended to come into contact with food
- ▶ ISO 3826 - a norm that explains how to test plastics collapsible containers for human blood and blood components
- ▶ FDA 175.105 Food and Drug Administration (FDA) concerning indirect food additives, adhesives and components of coatings
- ▶ ISO 10993-5 dedicated test for vitro cytotoxicity
- ▶ ISO 10993-10 test for irritation and skin sensitization



Low  
MOQ



Quick  
Quote



Fast  
Delivery

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Packaging Materials

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