## Ethical and OTC pharmaceutical labelling materials



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

Pharmaceutical containers are small – with volumes between 10-150 ml and typical diameters of 15-50 mm. An adhesive with excellent mandrel performance is essential for successful label conversion and dispensing.

The Avery Dennison pharmaceutical portfolio suits substrates that include glass, PE and PP (including treated, slip-coated or varnished). It also offers availability and change notification 12 months in advance.\*

A wide range of applications is possible. Low-migration adhesive S692NP dramatically reduces migration risks – especially important as the use of plastic increases.

Dedicated pharmaceutical adhesive S717P is designed for low surface-energy substrates, down to 10 mm in diameter, with minimal edge lift on small mandrels. It is Food and Drug Administration (FDA) approved and cytotoxicity tested in accordance with ISO10993-5 standards, enabling accelerated re-certification.

## Key features

- Outstanding adhesion on small diameter containers
- High visual impact, with high quality paper and filmic facestocks
- Print performance for decorative OTC drug containers
- Availability and change notification 12 months in advance\*
- Compliance with FDA and European food regulations
- Approved by ISEGA testing institute

## **Application areas**

- ► Over-the-counter (OTC) products
- Small containers: 10-150 ml volume, 15-50 mm diameter
- Glass, PE and PP substrates (including treated, slipcoated or varnished)
- Low migration labels for thin-walled LDPE containers
- Any application requiring excellent mandrel performance



## **Product information**

Product Description Code		F16502.1525 LW60 FSC S2045 BG40WH	31 LW FSC S692NP BG40WHNI	10 MC PHARMA FSC S2000NP	95 MC PHARMA FSC S692NP BG40WH	32 MC PHARMA FSC S717P BG45WH	83 MC PHARMA FSC S692NP PET23	F18516.1525 MC PRIMECOAT S2045N BG40WH N	F12806.1525 CGE S2045 BG40WH N	F12808.1525 CGE S2049 BG40WH N	F12852.1525 CGE ET9 BG40WH N	F79247.1525 PP65WH NTC S692N BG40WH N'	F79243.1525 PP65WH NTC SPX BG40WH N	F62109.1000 OPALUX SRP BG40WH N	71 PP LIGHT TOP WHITE S692NP PET30	22 PP LIGHT TOP WHITE S717P BG45WH	F64116.1525 PP TOP WHITE SRP BG40WH N	F64118.1525 PP TOP WHITE SPX BG40WH N	78635.99 1.6M CLEAR BOPP TO S7400 PET23	F3137.1525 POLYGLASS TOP SRP BG40WH N	181 GCX CL NTX S692N BG40WH	182 GCX WH NTX S692N BG40WH
		F165	AH431	AT440	AS495	BC932	AS083	F185	F128	F128	F128	F792	F792	F621	A0271	BD522	F641	F641	7863	F313	BW0181	BW0182
Front	Basis weight (gsm/m²)	62	62	60	60	60	60	80	80	80	80	53	53	55	46	46	45	45	37	47	61	64
	Caliper (µm)	55	55	52	52	52	52	64	84	84	84	65	65	75	50	50	60	60	40	51	63	63
Adhesion	on glass	•	•	•	0	•	0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	on PE/PP	•	0	•	0	•	0	•	•	•	0	•	•	•	0	•	•	•	•	•	•	•
Mandrel Hold	Ø7 mm (0.5 ml)	0	0	0	0	0	0						0		0	0					0	0
Glass	Ø10 mm (1.25 ml)	•	0	0	0	0	0					0	•	0	0	0	0	•	•	0	•	•
	Ø20 mm	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	•	•
Mandrel Hold HDPE / PP	Ø10 mm (2 ml)	0		0		0						0	0		0	0					0	0
	Ø16 mm (10 ml)	0	0	0	0	0	0	0		0	0	O	•	0	0	0	0	•	•	0	•	O
	Ø22 mm	•	0	0	0	0	0	•	0	0	•	O	0	•	0	0	•	•	•	•	•	•
Sterilization	Autoclave		0	0	0	0	0					0		0	0	0	0		0	0	0	0
	Etox		0	0	0	0	0	•	•	•	•	•	•		0	0	•	•		•	•	•
	Gamma		0	0	0	0	0	•	•	•	•	•	•				•	•	•	•	•	•
Luminescent (Laetus scale)			9																			
Low Migration Risk			0		0	0	0					0		0	0	0	0		0	0	0	0
Dispensing		•	0	0	0	0	0	•	•	•	•	•	•	•	•	0	•	•	•	•	•	•
Chemical resistance			0	0	0	0	0				0	0		0	0	0	0		0	0	0	0
Low Temperature		•	0		0	0	0	•	•	•	0	0	•	0	0	0	0	•	0	0	0	0
									0	O Medium				lh		<ul> <li>Very High</li> </ul>						



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Label and Packaging Materials