

Label materials for Ethical and OTC Pharmaceuticals

Labels + Packaging
Product Guide
Europe
2022



**Label materials for
Ethical and OTC
Pharmaceuticals**

Sustainability as a priority

Globally, pharmaceutical companies are implementing more sustainable alternatives for their packaging and processes, switching to renewable electricity. As a leader in pharmaceutical labeling solutions, Avery Dennison supports these companies' sustainability missions with our broad range of offerings, which include thinner materials, recycled content materials, or solutions that enable recycling. Our product range covers the full spectrum of label materials for ethical and over-the-counter medicines packaging—including squeezable plastic bottles, security seals, blister packs, and opaque constructions for relabeling applications.

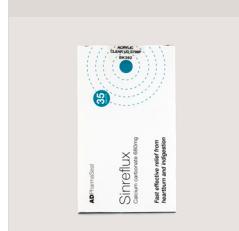


Taking responsibility for sustainability

We aim to reduce our Scope 1 and 2 GHG emissions by 70% from our 2015 baseline. Additionally, our goal is to work with our supply chain to reduce our 2018 baseline Scope 3 GHG emissions by 30%, with an ambition of net zero by 2050. As part of our commitment to provide better solutions to our customers, we are also constantly working on our product offering and innovating to meet market demands. Ultimately, our sustainable pharmaceutical materials are designed with patient safety in mind.

Our Sustainable ADvantage portfolio of products is designed to help you consume fewer natural resources, reduce carbon emissions, cut waste, and move toward a circular, sustainable economy. In essence, the portfolio consists of materials that are responsibly sourced, contain recycled/renewable content, reduce the use of materials and enable reuse, recycling, or compostability. Additionally, Sustainable ADvantage solutions are created according to EcoDesign principles, such as making labels from the same material as the package to increase the likelihood of the package being recycled.

Guidelines for sustainability

				
	Pill bottles	Eye drops	Secondary packaging	Inhalers
Most often used material	HDPE	LDPE	Cardboard	Aluminum
Recycling possibilities	Can be recycled with HDPE stream	Can be recycled with LDPE stream however, the container might be too small to pass the sorting process at the recycling facility	Can be recycled in regular paper recycling stream	Can be recycled in aluminum recycling stream
Recommended materials*	PP, PE	PP, PE	Paper	Paper
Reduce - thinner materials*	Yes - consider PP50	Yes - consider PP50	Yes - consider Semi Clear paper	Yes - consider LW60, HGW
Re-use*	Yes - Liner with recycled content rPET30, chemically recycled facestocks	Yes - Liner with recycled content rPET, chemically recycled facestocks	Yes - Liner with recycled content rPET30	Yes - Liner with recycled content rPET30
Recycle*	Monomaterials, Recyclable approved (see product tables)	Monomaterials	Monomaterials - paper on paper	

*Label choice

Certainly compliant

As a vital part of pharmaceutical packaging, we are fully aware that labels must comply with local and global regulations, depending on the market in which they are sold and consumed. All of our materials are in compliance with all applicable regulations, including European food regulation (1935/2004/EC), U.S. FDA regulations, and REACH. Our dedicated pharma adhesives* meet the requirements of ISO 3826 and ISO 10993-5. Additionally, security-seal materials are aligned with the EU Falsified Medicine Directive and are suitable for most cardboard box types on the market.

*S2000NP, S692NP, S2045NP, S2060NP, S717P, C2020P, C2050P, S799P

Change Management



Whenever a pharmaceutical product changes, its impact on performance is assessed, a change management process is triggered. After extensive material testing the results are communicated to pharmaceutical manufacturers and third parties. We take it a step further by providing advance notifications of product changes (1-year pre-notification) for our pharma adhesives*. When changes happen, we offer extensive change implementation procedures, customized tests, and change impact analyses. Our goal is to provide pharmaceutical customers with the business-friendly support they need to successfully navigate and manage their pharmaceutical materials throughout their entire production cycle.

*S2000NP, S692NP, S2045NP, S2060NP, S717P, C2020P, C2050P, S799P

Key Features

- More sustainable alternatives to standard products
- Compliance with pharma specific regulations
- Adhesives covered by change management
- Paper materials from FSC certified sources

Applications

Plastic containers/cardboard packaging/ prescription medicines/functional packaging/pill bottles/squeezable containers for liquid medicines /nasal sprays/inhalers/pouches/infusion bottles

Cardboard boxes

Code	Product Name	Sustainability feature	Type	Low temp performance (5°C)	Face: basis weight (gsm/m ²)	Face: caliper	Waterbased: varnish
BF746	PP NG Top Clear S788P-BG45WH*		Box damage	46	50	●○○	
BJ772	PP NG Top Clear S799P-BG45WH FSC*		Box damage	✓	46	50	●●○
BQ765	PP50 Top Clear LUMI BL S799P-BG45WH FSC		Box damage	✓	48	51	●●○
BX612	PP NG TOP CLEAR S700-rPET30	Reuse	Box damage	46	50	●●○	
AN778	PVC Matt White UD S2000N-BG50WH		Label damage	112	60		
BW744	Acetate Clear S799P BG45WH FSC	Recycle	Label damage	✓	66	50	
CJ507	SEMI CLEAR PAPER FSC S799P-PET30	Recycle	Label damage	✓	63	55	●●○
BK487	Void PP50 Clear S799P-PET30		Visible sign	✓	58	52	●●○

●○○ Good ●●○ Better ●●● Best

* Options with different liners available off the shelf

Blisters

Code	Product Name	Basis weight (gsm/m ²)	Face: Caliper
AN778	PVC Matt White UD S2000N-BG50WH	112	60
AZ426	PVC Semi Gloss White UD S2000N-BG50WH	112	60

Relabeling

Code	Product Name	Opacity backing	Basis weight (gsm/m ²)	Face: Caliper
AF717	PE Top White OPQ S697-BG40WH	Black	88	93
BG372	MC90 OPQ FSC S700-BG40WH	Black	88	78
BT947	LW OPQ Silver FSC S2045NP-BG45WH FSC	Silver	82	59
AY924	PP Top White REV MET S692NP-BG40WH FSC	Silver	58	59
BQ523	PP Top White REV MET S799P-BG40WH FSC	Silver	58	59
BG992	PVC White Opaque S692N-PET30		148	100

Hanging Labels

All hanging label products are also available in options with customised glue pattern according to your design. Valeron 100-175 available in clear and white.

Code	Product Name	Recommended application	Basis weight (gsm/m ²)	Face: Caliper
AL442	PP125 Top White S697-BG45WH FSC	Glass	130	132
AP983	PP125 Top White S692NP-BG40WH FSC	Glass & plastic*	130	132
AG549	PP125 Top Clear S697-BG45WH FSC	Glass	130	132

*No cold storage (low water resistance)

Other special applications

CCode	Product Name	Recommended application	Basis weight (gsm/m ²)	Face: Caliper
AB888	ShrinkVinyl50 White S692N-BG45WH FSC	Bottle seal	69	50
AD179	ShrinkVinyl50 Clear S692N-BG45WH FSC	Bottle seal	48	50
CJ054	Shrink PP40 Clear S692NP BG40BR FSC	Bottle seal	28	40
BP033	PP Light Top White S692NP-BG45WH HR P	Booklet label	48	49

Curved Containers

Code	Product Name	Sustainability feature	Application temp.	Print Quality	Opacity	Adhesion - initial tack during -	
						Glass	PE / PP
AT440	MC PHARMA FSC S2000NP-BG40WH FSC		0°C	●●○	●○○	●●●	●●○
BB544	MC PRIMECOAT FSC S2000NP-BG40BR		0°C	●○○	●●○	●●●	●●○
CJ793	LW FSC S692NP-rPET30	♻️ 📦	5°C	●●●	●●○	●●○	●○○
AM207	LW FSC S2045NP-BG45WH IMP FSC	♻️	0°C	●●●	●●○	●●●	●●●
BZ347	HGW PREMIUM FSC S2000NP-BG40WH FSC		0°C	●●●	●●●	●●○	●●○
AE947	PE85 TOP WHITE S692NP-BG40WH FSC	♻️ *	5°C	●●●	●●○	●●○	●○○
BD522	PP LIGHT TOP WHITE S717P-BG45WH	♻️	10°C	●●●	●●○	●●○	●○○
CJ801	PP LIGHT TOP WHITE S692NP-rPET30	📦 🌱 *	5°C	●●●	●●○	●●○	●○○
BZ614	DIG INDI PP LIGHT TP WH S692NP-PET30		5°C	●●●	●●○	●●○	●○○
CG125	WBIJ PET38 WHITE S692NP-BG40WH FSC	♻️	5°C	●●●	●○○	●●○	●○○
BP033	PP LIGHT TOP WHITE S692NP-BG45WH HR P	♻️ *	5°C	●●●	●●○	●●○	●○○
BX357	PP LIGHT TOP CLEAR S692NP-rPET30	♻️ 📦 *	5°C	●●●	●●○	●●○	●○○



Reduce



Reuse



Recycle

* Approved for HDPE recycling by Recyclclass

●○○ Good ●●○ Better ●●● Best

✓* Gamma sterilisation dose below 30 kGy

- dispensing	Mandrel Hold (diameter <5mm)		Sterilization		Low migration risk	Printability			
	Glass	HDPE / PP	Autoclave	Gamma and E-beam		UV Flexo	UV Inkjet	Dry Toner	Waterbased Inkjet
Coated surfaces									
	●●●	●●○	✓	✓		✓		✓	
	●●○	●○○	✓	✓		✓		✓	
	●●○	●○○	✓	✓	✓	✓		✓	
	●●○	●●○				✓			
	●○○	●●○	✓	✓		✓		✓	
	●●●	●○○			✓	✓	✓	✓	
✓	●●●	●●○	✓	✓*	✓	✓	✓		
	●●●	●○○	✓	✓*	✓	✓	✓	✓	
	●●●	●○○			✓	✓	✓	✓	
	●●●	●○○	✓		✓	✓		✓	✓
	●●●	●○○	✓	✓*	✓	✓	✓	✓	
	●●●	●○○	✓	✓*	✓	✓	✓	✓	



Get in touch

For more information about our pharmaceutical labeling materials and technical support services, visit label.averydennison.com. Alternatively, contact your Avery Dennison representative.

Please refer to the respective datasheets for more information on technical performance and printing recommendations. Please note that the Avery Dennison product range and service offering can be subject to changes. For an accurate overview, please check label.averydennison.eu or contact your local Avery Dennison sales representative.

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