

# Cryogenic and laboratory applications



More than one million human tissue samples are collected every year – all needing storage and transportation at temperatures down to  $-196^{\circ}\text{C}$ . Label durability is essential under such challenging conditions, so life-saving (and life-creating) samples remain intact and clearly identified.

Avery Dennison offers a complete range of clear and white labelling materials for test tubes and laboratory applications in hospitals, clinics and research laboratories. They can be used to identify medical bottles, test-tubes and vials, which often have challenging surfaces and/or small diameters, and can be exposed to chemicals and temperature changes. Printing technologies include thermal transfer, direct thermal or inkjet.

## Key features

- ▶ Extreme low cryogenic temperature performance:  $-196^{\circ}\text{C}$  (and up to  $+121^{\circ}\text{C}$ )
- ▶ Steam autoclave sterilisation compatible
- ▶ Good chemical resistance
- ▶ UV flexo, thermal transfer, direct thermal and UV inkjet
- ▶ White, opaque and clear versions

## Application areas

- ▶ Hospital, clinic and laboratory labelling
- ▶ Deep freeze applications
- ▶ Small diameter containers
- ▶ Re-labelling with opaque labels

## Product information

Product Code	Product Description	Service temp. range	Minimum application temp.	Opaque Blockout Labels	Autoclave sterilization	Chemical Resistance	Small diameter applications < 15mm	Printability		
								Thermal transfer	Direct thermal	UV inkjet
• AT754	TRANSFER VELLUM FSC S2060NP-BG40WH	-40 °C to +70 °C	0 °C					✓		
AO525	TRANSFER PEHD C2020P-BG40WH	-50 °C to +80 °C	-20 °C					✓		
AY612	THERMAL60 TOP K8 S2000NP-BG40BR	-20 °C to +80 °C	0 °C				✓		✓	
• AX583	THERMAL TOP S8 FSC C2020P-BG40WH	-50 °C to +80 °C	-20 °C						✓	
• BF174	THERMAL TOP S8 OPQ S2060NP-BG40WH	-40 °C to +70 °C	0 °C	✓			✓		✓	
AZ452	PP TOP WHITE S2196-BG40WH	-196 °C to +120 °C	+10 °C				✓	✓		✓
• BD522	PP LIGHT TOP WHITE S717P-BG45WH	-50 °C to +121 °C	+10 °C				✓	✓		✓
AY924	PP TOP WHITE REV MET S692NP-BG40WH	-20 °C to +80 °C	+5 °C	✓			✓	✓		
• BF237	PP LIGHT TOP CLEAR S717P-BG45WH	-50 °C to +121 °C	+10 °C		✓		✓	✓		✓
• BB624	PP LIGHT TOP CLEAR S2196-BG40WH	-196 °C to +120 °C	+10 °C		✓	✓	✓	✓		✓
AX308	PET50 PT CLEAR S692NP-BG40WH	-20 °C to +80 °C	+5 °C		✓			✓		
BH419	PET50 PT WHITE S2196-BG40WH	-196 °C to +120 °C	+10 °C		✓	✓	✓	✓		
AH403	2.3M PP TOP WHITE C0196-40BG	-196 °C to +120 °C	-28 °C		✓	✓	✓	✓		
AQ596	PP NG TOP WHITE S2060NP-BG45WH	-40 °C to +70 °C	0 °C				✓	✓		
AN038	TRANSFER PEHD S2060NP-BG40BR	-40 °C to +70 °C	0 °C					✓		
AQ665	PB PP NG TOP WHITE 2XS2060NP-BG40BR/BG40WH	-40 °C to +70 °C	0 °C					✓		
AX238	PB PP NG TOP WHITE 2XC2020P-BG40BR/BG40WH	-50 °C to +80 °C	-20 °C					✓		

- The product codes highlighted by the green mark are products from the ClearIntent™ portfolio.



Low  
MOQ



Quick  
Quote



Fast  
Delivery

**South Asia Pacific and Sub-Saharan Africa**  
460 Alexandra Road  
PSA Building, #28-02/03  
Singapore 119963  
+65.6349.0333

**North Asia**  
5th Floor, Hongye Park  
1801 Hongmei Road,  
Xuhui District 200233,  
Shanghai, China  
+86 21 33951888

**Europe**  
Willem Einthovenstraat 11  
2342 BH Oegstgeest2300  
AA Leiden  
The Netherlands  
+31 85 000 2000

**Latin America**  
Rodovia Vinhedo-  
Viracopos, KM 77  
CEP 13280-000  
Vinhedo - SP, Brazil  
+55 19 3876-7600

**North America**  
8080 Norton Pkwy  
Mentor, OH 44060  
800.944.8511

DISCLAIMER – All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.averydennison.com>.

© 2018 Avery Dennison Corporation. All rights reserved, Avery Dennison and all other Avery Dennison brands, this publication, its contents and product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part of purposes other than marketing by Avery Dennison.



Label and  
Packaging Materials

label.sapssa.averydennison.com