FASTEN. BOND. SEAL.

Avery Dennison™ AFB 6680C

Spec # 57343

Double-Coated Clear Acrylic Foam Tape

250 Chester Street
Painesville, Ohio 44077
Phone: **866-GO-AVERY (866-462-8379)**
Fax: **888-358-4469**

email: psa.tape@averydennison.com

URL: **stus.averydennison.com**

Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil.

Temperatures

Min Application Temp	50° F	10° C
Max Continuous Operating Temp	195° F	90° C
Max Intermittent Operating Temp	300° F	150° C

Storage and Shelf Life

Two years when stored at 70ºF (21ºC) 50% RH out of direct

Limited Warranty

All statements, technical information and recommendations concerning products sold or samples provided by AVERY DENNISON are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All products are sold and samples of products provided with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. AVERY DENNISON warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within two years* after the initial date of shipment, AVERY DENNISON shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with AVERY DENNISON's standards, correct such defects by suitable repair or replacement without charge at AVERY DENNISON's plant or at the location of the products (at AVERY DENNISON's election) provided, however, if AVERY DENNISON determines that the repair or replacement is not commercially practical, AVERY DENNISON shall issue credit in favor of PURCHASER in an amount not to exceed the purchase price of the products.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title and against patent infringement. No waiver, alteration, additions or modifications of the foregoing conditions shall be valid unless made in writing and manually signed by an officer of Avery Dennison. *Or in the time period stated on the specific product specification sheet, if any, and if not then on the specific product information literature in effect at time of shipment.

Limitation of Liability

In no event shall AVERY DENNISON be liable for any incidental or consequential damages, including but not limited to, loss of profit, loss of use of production or loss of capital. The remedies of PURCHASER set forth herein are exclusive and the total liability of AVERY DENNISON with respect to any contract, or anything done in connection therewith such as the performance or breach hereof, or from the manufacture, sale, delivery, resale, installation or use of products whether arising out of contract, negligence, strict tort, or under any warranty, or otherwise, shall not exceed the purchase price of the products upon which the liability is based.

PRODUCT DESCRIPTION

Applications

Avery Dennison AFB 6680C is a transparent acrylic foam tape with double coated general purpose acrylic adhesive on both sides. This clear foam satisfies special visual or design issues involving glass or clear materials and is suitable for high surface energy substrates. This product has excellent adhesion and shear strength, and also resists UV lights and elevated temperatures. AFB 6680C is suitable for clear applications such as window decorations, signage and filling.

Features

Viscoelastic acrylic foam carrier
Clear foamed adhesive
Improved productivity
Improved aesthetics

Benefits

High adhesion combined with good shear and stress relaxation
Absorbs shock and distributes stress evenly
Good resistance to moisture, UV, High temperature
Uniform invisible bonding performance
Eliminate drilling, grinding, refinishing, screwing, welding and clean-up
Virtually invisible fastening helps keep surface smooth and clean
Polyethylene liner provides good moisture stability and easy converting with high tear strength.

PRODUCT DATA

Product Construction

Test Methods: PSTC-133

		US Mils	MM's
Unwind Adhesive	Acrylic	-	-
Carrier	Clear Solid Acrylic Foam and Adhesive	31.5	0.80
Liner Adhesive	Acrylic	-	-
Liner	Red Avery Logo Printed Polyethylene	5.1	0.13
	Total Construction	36.6	0.93

Adhesive Properties

Peel Adhesion — Test Method(s): PSTC-101, ASTM D3330, STD-10

2 mil PET 90º 12" / min

Substrate	Condition	Lbf / in	US Oz / in	N / Meter
SS	Liner - 20 min dwell	6.9	111	1,210

Peel Adhesion — Test Method(s): PSTC-101, ASTM D3330, STD-10

2 mil PET 90º 12" min

Substrate	Condition	Lbf / in	US Oz / in	N / Meter
SS	Liner - 72 hr dwell	9.0	144	1,579

Dynamic Shear — Test Method(s): ASTM D1002, STD-27

2 mil PET 180º 1" sq (6.5 cm2) 0.5" min

Substrate	Condition	Lbf / in	US Oz / in	N / Meter
SS	Liner - 72 hr dwell	87.0	1,392	15,234

Tensile — Test Method(s): ASTM D897, STD-3A,B,C

Product 180º 1" sq (6.5 cm2) 2" min

Substrate	Lbf / in	US Oz / in	N / Meter
Aluminum	89.9	1,438	15,741

Static Shear — Test Method(s): PSTC-107, ASTM D3654, STD-9

2 mil PET 1" sq (6.5 cm2) @ 90ºC / 195ºF

Substrate	Condition	Min to Fail
SS	Liner - 30 min dwell	> 10,000