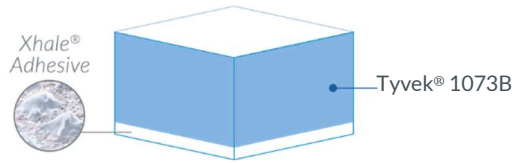


# 1073B 18B

## Tyvek® 1073B with 18B Xhale® Adhesive



### Description

Tyvek® 1073B with 18B Xhale® is a heat sealable, adhesive coated, medical-grade Tyvek® lidding material. Tyvek® 1073B is an extremely strong, tear resistant, breathable substrate with excellent microbial barrier properties. 18B Xhale® is a non-toxic, hot melt heat sealable adhesive coating applied in a uniform dot pattern to maintain breathability. The high hot tack adhesive coating produces peelable seals with consistent peel strengths and uniform adhesive transfer.

### Typical Application

This product is compatible with ethylene oxide (EO) and gamma radiation sterilization. It seals to most rigid packaging materials.

### Bio-compatibility

18B Xhale® adhesive and Tyvek® 1073B have been proven to be non-cytotoxic. Testing was conducted in accordance with ASTM F2475, standard guide for bio-compatibility evaluation of medical device packaging materials, which includes ISO 10993-5 in-vitro cytotoxicity testing. Results available upon request.

### Adhesive Color

Adhesive coating is available in white or blue.

### Shelf Life

Accelerated aging studies conducted on this Oliver product demonstrate a shelf stability of up to 10 years. Most packaging materials are designed for stability over long periods of time provided good storage and handling practices are exercised.

### Storage Conditions

Keep product in original package. Product should be stored at ambient warehouse conditions.

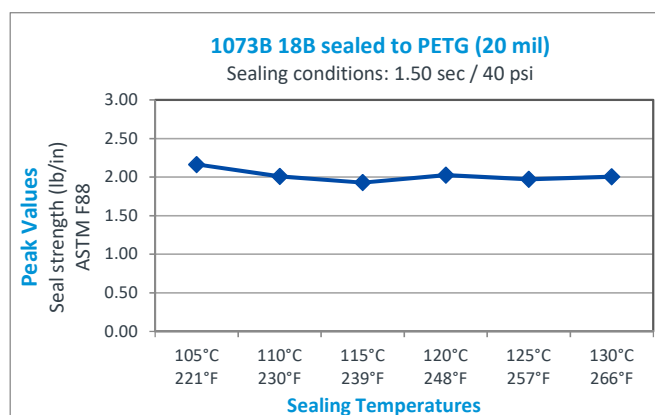
### Sealing Conditions

Optimum sealing conditions are highly dependent upon the materials being sealed, the equipment, and production rates. Our recommendation is to begin testing at 250°F (121°C), 2 seconds, 40 psi.

Attribute	Test Method	Typical Value (US)	Typical Value (Int'l)
<b>PHYSICAL</b>			
Substrate basis weight	ASTM D3776	45.8 lbs/3000 ft <sup>2</sup>	74.7 g/m <sup>2</sup>
Adhesive coat weight	ASTM F2217	10 lbs/3000 ft <sup>2</sup>	16.0 g/m <sup>2</sup>
Total basis weight	—	55.8 lbs/3000 ft <sup>2</sup>	90.7 g/m <sup>2</sup>
Yield	TAPPI T410	7,742 in <sup>2</sup> /lb	11.0 m <sup>2</sup> /kg
Thickness	ASTM F2251	8.3 mil	211 µm
<b>MECHANICAL</b>			
Tensile (MD)	EN ISO 1924	46 lb/in	205 N
Tensile (CD)	EN ISO 1924	49 lb/in	219 N
Elmendorf tear (MD)	ASTM D1424	0.70 lb	3.2 N
Elmendorf tear (CD)	ASTM D1424	0.90 lb	4.0 N
Mullen burst	ISO 2758	175 psi	1,207 kPa
<b>PERMEATION</b>			
Porosity—Gurley	TAPPI T460	30 sec/100cc	—
Porosity—Bendtsen*	ISO-5636-3	—	420 mL/min

This information describes typical product characteristics for customer evaluation. It is not intended to be a final specification or warranty of performance. Seal data generated in laboratory.

\* Calculated value.



v9.2019 Note: Determination of the specific suitability of this product for individual applications is the sole responsibility of the purchaser. The information contained herein is correct to the best of our knowledge. Recommendations or suggestions are made without guarantee of representation as to results. Nothing in this disclosure of information shall be deemed by implication or otherwise to convey to the recipient of this information any rights under any patents, patent applications, trademarks, copyrights or invention owned by Oliver Products Company.

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