

## ORIBAIN BTX-133

### 1. Features

BTX-133 is a one-component type of acrylic resin solution. The typical use for this adhesive is bonding to skin for long-term wear applications.

### 2. Specification

Subjects	Major Polymer Solution
Product name	BTX-133
Appearance	Light Yellow/Brown Transparent
Solid content	Liquid
Viscosity	50.0 ± 1.0%
Solvent	2,500 ± 1,000 mPs
	Ethyl acetate, Isopropanol, MEK

### 3. Usage Instructions

Coating weight: 50 g/m<sup>2</sup> (as dry)

Dry up: 105°C for 2 min.

Aging: 7-days at room temperature after coating and drying

### 4. Performance

Standard Determination

Subjects		BTX-133
180° Peel Adhesion to SS 12 in./min; 23°C/50% RH	20 min.	5.65 CF
	24-hr.	5.80 CF
180° Peel Adhesion to HDPE 12 in./min; 23°C/50% RH	20 min.	2.00 CP
	24-hr.	2.20 CP
180° Peel Adhesion to LDPE 12 in./min; 23°C/50% RH	20 min.	1.90 CP
	24-hr.	2.10 CP
180° Peel Adhesion to PP 12 in./min; 23°C/50% RH	20 min.	5.45 CF
	24-hr.	5.65 CF
Static Shear Strength to SS 1" x 1" x 1kg, 23°C/50% RH		200 min.
Loop Tack to SS		4.6 lb./in
Moisture Vapor Transmission Rate Upright Payne Cup Method; 40°C/40% RH Tested on a spunbonded, non-woven polyester fabric		500 g/m <sup>2</sup> /day
ISO 10993-5		Pass

CP: Clean Peel CF: Cohesive Failure

Base Material: Commercially available 50µm polyester substrate unless noted otherwise.

Liner: Commercially available liner

Date Created 4/●●/2025

## 5. Handling and Storage

- Storage : Store this product in the warehouse for dangerous products.  
Protect this product from high temperature and direct sunlight.
- Handling : Do not handle or store near an open flame, sources of heat or  
sources of ignition.  
: Keep container closed. Use only in the well-ventilated areas and  
wear proper protection equipment to avoid skin contact and vapor  
inhalation.

## 6. Safety

The adhesive passed cytotoxicity test (ISO 10993-5) conducted by an independent laboratory.  
Additional safety information is available upon request.

\* The general description, recommended uses, application data and statements in the product literature and label are guidelines only. Users should test this product in advance to verify suitability for particular uses.