



# Permabond #10745

*Screen Adhesive*

This water-based product has been specially formulated to meet the credit card industries laminating requirements. It provides a sturdy bond with high peel strength when applied to PVC, vinyl or other credit card laminates.

## **Emulsion Selection**

Stencil and block-out must be solvent and water resistant. Use of dual cure emulsions designed for minimized stencil build up and smoothness over mesh are best.

## **Thinner**

Product is provided ready to use, however, it may be thinned with up to 5% deionized water as needed.

## **Mesh Selection**

Use a 230-355 (90 – 140 c) plain weave monofilament mesh

## **Thinner**

Product is provided ready to use, however, it may be thinned with up to 5% deionized water as needed.

## **Handling and Storage**

Product is temperature sensitive, protect from freezing

## **Clean-up**

Most conventional solvent cleaners work well

## **Viscosity**

2,000 – 2,500 cps, at 72 degrees F

## **VOC Content**

<1% per gallon

## **Instron Peel Strength**

Typical peel strength exceeds 8.25, depending on coating weight

## **Laminating**

Requires a temperature of at least 280-305 degrees F, with a heat dwell time of fourteen to sixteen (14-16) minutes

## **A. Warranty Liability Limited to Purchase and Installation Costs**

Notwithstanding anything provided herein or any other written material to the contrary, Polymeric only warrants the purchase price and costs of installation. Polymeric US shall have no liability or obligation to any user, buyer, purchaser, distributor or other person or entity for any special, direct, indirect, incidental or consequential damages, however caused, including without limitation, personal liability, loss of business, loss of profit, or other damage, whether or not buyer shall have informed Polymeric US of the possibility or likelihood of any such damages.

## **B. Limitation of Implied Warranty and Fitness for a Particular Purpose**

Polymeric's warranty is given in lieu of all other warranties, express or implied, including but not limited to an implied warranty of fitness for a particular purpose, an implied warranty of merchantability, and any other implied warranty arising out of a course of dealing, performance, customer usage or trade.

## **C. A Pretest Prior to Production is Recommended to Ensure Proper Suitability for the Intended Application.**