



# Product Specification Data



## Description

A 3.2-mil premium translucent calendered PVC film coated with clear 200-4999 permanent acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This vinyl film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems. BriteLine® Translucent may be printed using other common printing processes such as UV curable screen and UV curable offset but must be tested before production.

## Applications

This product is a premium pressure sensitive decal film with uniform light diffusion properties used to produce backlit displays for applications such as taxi tops, backlit bus displays and any other application requiring back lighting. BriteLine® Translucent offers excellent bond to substrates such as polycarbonate, styrene and acrylic sheeting while maintaining easy installation and removal properties.

## Thickness

Film	3.2 mil
Adhesive	.8 to 1.1 mil
Liner	6.7 mil
(Thickness variance $\pm$ 10%)	

## Dimensional Stability

Good

## Surface Gloss

n/a

## Recommendations

Completely evaporate inkjet solvents before application. Failure to do so may facilitate solvent penetration resulting in vinyl degradation.

## Adhesion

To stainless steel: 16 oz/in.  
Tested according to PSTC-101 with 24 hr. dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

## Temperature Ranges

Minimum application temperature is 40°F.  
Service temperature range is -40°F to 180°F.

## Light Transmission

Approximately 15% at 550 nm.

## Expected Exterior Exposure

Under normal conditions, up to 5 years resistance can be expected. Removable up to 1 year.

## Storage Stability

1-year shelf life when stored at 70°F and 50% relative humidity.

## Product Series

BriteLine® Translucent size offering.	
BL-T5430	54" x 30'
BL-T54150	54" x 150'

### Statement of Practical Use

We believe the information on this product to be accurate. However, since we cannot anticipate or control the conditions under which this information or our products may be used, we cannot guarantee results obtained through their use. Tests of our products should be made by users to determine the suitability of these products for a specific purpose. The products are sold without warranty, either express or implied. The purchaser should refer to Grimco, Inc's price list for terms and conditions of sale, including disclaimer of warranties and limitation of liability.