



Protective Papers and Films

# PROTEX 8216-2 FILM



**Protex 8216-2** is a 2 mil polyester film with an acrylic latex adhesive, lightly tinted green, designed to protect various metal surfaces including polished, clad, bare and heat treated aluminum, stainless steel and various coated and un-coated plastic surfaces, e.g. stretched acrylic, Plex II, cast acrylic, and polycarbonates. PROTEX 8216-2 is capable of withstanding prolonged outdoor exposure.

*\*This product is not intended for fly-away applications. Test prior to use on copper, brass or anodized aluminum or before outdoor exposure.*

## TEST RESULTS

### SOLVENT RESISTANCE:

- 1,1,1, Trichloroethane Degrease - 1 hr. @ 140 degrees F. - No transfer, slight edge penetration.
2. Excellent resistance to: Toluene, MPK, Alcohols, Trichloroethylene.

### HEAT RESISTANCE:

1. Acrylic & Aluminum  
1 yr. outdoor and 150 degrees F.  
200 hr. Atlas weatherometer
2. Clad Aluminum  
96 hrs. @ 290 degrees F. 1 yr.  
@ 150 degrees F.
3. Polished Aluminum  
1 yr. @ 150 degrees F
4. Autoclave  
2 x 1 hr. @ 350 degrees F. and 35 psi

### BACKING:

Thickness, mils ..... 2  
 Tensile strength, PSI/mil..... 30,000  
 Elongation at break % ..... 106  
 Elmendorf Tear, grams ..... 15

### ADHESIVE:

Base ..... Acrylic  
 Adhesion to steel, oz./in. width ..... 1 - 3 (-0.2/+0.6)  
 (At time of manufacture)  
 PSTC-1 (Modified) ..... Silicone Free

### STORAGE:

Shelf life is 1 year if stored in a cool dry place, out of direct sunlight.

## ROLLS SIZES:

36" x 100 yds  
 48" x 100 yds

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