



# MASK-OFF COMPANY

STENCIL PAPERS

PROTECTIVE PAPERS AND FILMS

SPECIALTY COATINGS

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## PROTEX 8216-5B

**USES:** **PROTEX 8216-5B** is a 5 mil polyester film with an acrylic latex adhesive, lightly tinted blue, 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 8216-5B is capable of withstanding prolonged outdoor exposure.**  
This product is not intended for fly-away applications.

### TYPICAL PROPERTIES:

#### BACKING:

Thickness, mils	5
Tensile strength, PSI/mil	30,000
Elongation at break, %	60-110
Tear grams/mil	15

#### ADHESIVE:

Base	<b>Silicone Free</b> Acrylic latex
Adhesion to steel, oz./in. width (At time of manufacture)	1 - 2 (-0.2/+0.4)
PSTC-1 (Modified)	

### TEST RESULTS:

#### SOLVENT RESISTANCE:

1. 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

### ROLL SIZES:

36" X 100 YRDS  
48" X 100 YRDS