



# PROTEX 8216-2LC FILM

Protective Papers and Films



**Protex 8216-2LC** is a 2 mil polyester film with a low tack acrylic latex adhesive, and a release liner for the purposes of converting or pre-cutting. Its transparent, UV resistant properties make it ideal for protecting surfaces where light transmission during any process is preferred. The durable polyester provides superior protection from damage caused by abrasive and low impact conditions. PROTEX 8216-2LC is capable of withstanding temperatures up to 325 degrees and prolonged outdoor exposure. Chemical resistance recommended only after thorough initial testing.

*\*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.
- Excellent resistance to: Toluene, MPK, Alcohols, Trichloroethylene.

### HEAT RESISTANCE:

- Acrylic & Aluminum  
1 yr. outdoor and 150 degrees F.  
200 hr. Atlas weatherometer
- Clad Aluminum  
96 hrs. @ 290 degrees F. 1 yr.  
@ 150 degrees F.
- Polished Aluminum  
1 yr. @ 150 degrees F
- 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)<br>(At time of manufacture) |
| PSTC-1 (Modified) .....                | Silicone Free                                 |

### LINER:

Flat

### STORAGE:

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

## ROLLS SIZES:

48" x 100 yds

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