VFC-NTC-R/4ML is a 3.0 mil optically clear high gloss flexible calendared PVC film coated with an optically clear solvent removable pressure sensitive adhesive laminated to a 4 mil traction backed polyester liner. This film is designed to accept a variety of solvent-based, UV curable and latex inks common to wide format digital printing systems. The adhesive system provides clean removal from glass for up to one year under normal exposure conditions. The 4 mil polyester liner has a traction coating to aide in processing on printing devices.

### Applications
VFC-NTC-R/4ML is designed for temporary short term interior or exterior signage, decals and point-of-purchase displays on windows where optical clarity is required.

### Thickness
<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film</td>
<td>2.8 to 3.2 mils.</td>
</tr>
<tr>
<td>Adhesive</td>
<td>0.7 to 1.0 mils.</td>
</tr>
<tr>
<td>Liner</td>
<td>4.0 mils.</td>
</tr>
</tbody>
</table>

(Thickness variance +/- 10%)

### Dimensional Stability
Good.

### Temperature Ranges
- Minimum application temperature: +40°F
- Service temperature: -40°F to +180°F

### Expected Exterior Exposure
VFC-NTC-R/4ML contains UV inhibitors to extend exterior life. However any clear vinyl film can yellow with exposure to UV radiation. Must be tested for specific usage.

### Adhesion
<table>
<thead>
<tr>
<th>Surface</th>
<th>Adhesion</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Glass</td>
<td>2 Oz/ in.</td>
</tr>
<tr>
<td>To Stainless Steel</td>
<td>2 Oz/ in.</td>
</tr>
</tbody>
</table>

Tested according to PSTC-1 with 24-hour dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

### Water Resistance
Good

### Humidity Resistance
Good

### Storage Stability
One (1) year shelf life when stored at 70°F and 50% relative humidity.

### Product Codes
VFC-NTC-R/4ML