

# THE CHOICE IS CLEAR!

## SPUTTERING VERSUS VAPOR DEPOSITION

### Sputtered Metallizing

■ During the sputtering process, as shown in Photo (A), metal particles are evenly imbedded into the polyester film with precision and accuracy - one atom at a time. The sputtering method of metallizing window film is a key reason why window films manufactured by Bekaert Specialty Films offer superior appearance, outstanding color stability and longer product performance.

### Vapor Deposition Metallizing

■ During the vapor deposition process, as shown in Photo (B), metal particles applied or coated onto the surface of the window film. The particles can not be imbedded into the film and produce an uneven layer of metal.

### A Picture Is Worth A Thousand Words

■ The "spikes" of metal particles in photo (B) clearly demonstrate that vapor deposition is not as controlled or precise in its ability to evenly apply the metal to the window film. Surface irregularities, such as these, create visual imperfections and can cause metal adhesion problems, resulting in demetallization and delamination between the film layers.

