

# Eastman FLEXVUE™

films

## Capability: thermal evaporation

Flexvue specializes in vapor-depositing aluminum on a variety of film substrates and thicknesses. Metallizing is performed inside the cleanest facilities in the industry to avoid contamination which can be very costly in downstream processing. Flexvue excels in applications that require the most demanding tolerances in metal deposition. With our 20 years of experience in controlled density metallizing, we have developed proprietary technologies to maintain cross-web, down-web, and roll-to-roll uniformity.

## Typical applications

- ESD packaging
- Board and paper laminations
- Solar control window film
- Decorative
- Packaging
- Labels
- Graphic arts
- Automotive trim
- Solar concentration mirrors

## Services

Flexvue can provide coated film products based on our customer's specific requirements.

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### Vapor deposition

|                   |                      |
|-------------------|----------------------|
| Coating thickness | 100 to 750 angstroms |
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|--------------------|-------------------|
| Light transmission | 65% VLT to opaque |
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|                 |            |
|-----------------|------------|
| Optical density | 0.2 to 4.0 |
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|-------------|----------------------------|
| Resistivity | 0.5 to 100 ohms per square |
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|---------------------|--|
| Substrate thickness | 25 to 1000 gauge<br>(6 to 250 microns) |
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| Roll dimensions | Widths 12" to 80"; 39" max. O.D. |
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## Materials

Flexvue produces vacuum-coated film products using a variety of films to meet our customer's specific requirements. Available substrates include:

- Polyester (PET): filled, unfilled, matte, and scratch-brushed
- Polyethylene naphthalate (PEN)
- Polycarbonate (PC)
- Polypropylene
- Polyethylene
- Kapton®



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