

*Selecting a
Film Substrate*



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Specialty Substrate Solutions

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Selecting a Film Substrate

Following are the questions to ask in order to identify which film substrate will work best for your application. **Due to the varying characteristics from product to product, it is important that you fully test any substrate prior to production and application.**

For Pressure Sensitive Films

- 1) **What is the end use or application?**
- 2) **What will the film be applied to?**
 - Application Surface (i.e. plastic, corrugated, metal)
 - Surface Texture/Shape
 - Chemical Reactivity of Surface
- 3) **What environmental conditions will the film be exposed to?**
 - Indoor/Outdoor
 - Low/High Traffic Area
 - Application Temperature (temperature at the time film is applied)
 - Service Temperature (temperature while the film is in use)
 - Humidity
 - Moisture
 - Sunlight
 - Dust/Dirt
 - Food Contact
 - Chemicals/Solvents
- 4) **How long does the film need to remain applied or in use?**
- 5) **What is the size of the finished piece?**
- 6) **How will the final piece be applied?**
 - Hand Applied
 - Machine Applied
 - Dry Application
 - Wet Application
- 7) **What method of printing will be used?**
 - Conventional Offset
 - UV Offset
 - Screen
 - Digital
- 8) **What type of graphic finishing will the substrate require?**
 - Die-Cutting
 - Scoring
 - Folding
 - Perforating
- 9) **How long will it be stored prior to use?**
 - Unprinted
 - Printed



Selecting a Film Substrate Continued...

For Non-Adhesive Films

- 1) What is the end use or application?**
- 2) How will the film be attached or applied?**
 - Riveted
 - Mounted
 - Clipped
 - Inserted
 - Hung
- 3) What environmental conditions will the substrate be exposed to?**
 - Indoor/Outdoor
 - Low/High Traffic Area
 - Application Temperature (temperature at the time substrate is attached or applied)
 - Service Temperature (temperature while the substrate is in use)
 - Humidity
 - Moisture
 - Sunlight
 - Food Contact
 - Chemicals/Solvents
- 4) How long does the substrate need to remain in use?**
- 5) What is the size of the finished piece?**
- 6) How will the final piece be attached or applied?**
 - By Hand
 - By Machine
- 7) What method of printing will be used?**
 - Conventional Offset
 - UV Offset
 - Screen
 - Digital
- 8) What type of graphic finishing will the substrate require?**
 - Die-Cutting
 - Folding
 - Scoring
 - Perforating
- 9) How long will it be stored prior to use?**
 - Unprinted
 - Printed

