

Technical Data Sheet - Graphic Materials

The following is offered to assist material selection for your labels, overlays and fascia panels. However, where there are important technical or performance considerations, we recommend reference be made to the various material manufacturer's specification data.

Vinyl

Vinyl is a durable, ductile, low cost material, supplied with applied adhesive and is available in clear format or in a variety of solid and metallic colours.

The material can only be printed on the top surface, which exposes the printed images to the environmental, chemical and mechanical abrasion. Over-laminating or over-printing with a clear, hard coat lacquer will enhance the protection of the image.

Vinyl is an ideal choice of material for simple labels or decorative trim that will not be exposed to extreme environmental conditions for extended periods of time.

Proprietary Finishes Gloss, Semi-gloss and Matt

PVC

PVC is durable, low cost material, which is available in clear and a limited variety of solid colours.

Clear material can be reverse printed and over-laminated with an adhesive film suitable to meet application needs. This construction protects the printed images from abrasion.

PVC is also available with a textured mark resistant surface, which improves the materials resistance to light mechanical abrasion.

Proprietary Finishes Gloss, Semi-gloss, Matt and Mark resistant texture

Polycarbonate

Polycarbonate is a versatile durable material with excellent optical transmission, mechanical properties and thermal stability and is produced in a broad range of thickness and surface finishes and is available with impregnated antimicrobial surface protection.

Polycarbonate is the ideal material for use in overlays and fascias where machining, non-functioning embossing and display windows are design requirements.

Proprietary Finishes Gloss, Semi-gloss, Matt, Fine & Velvet Texture
Available with hard surface coatings, flame retardant and UV stability

Polyester

Polyester is versatile material with excellent optical transmission, mechanical properties, chemical resistance, thermal stability and flexing capabilities.

Polyester is available up to 250 microns thick and is the ideal material for overlays where display windows, chemical resistance and embossing for functional keypads are design requirements, or in hygiene sensitive areas where protection against bacteria is a high priority.

Proprietary Finishes Gloss, Semi-gloss, Matt and Fine Texture
Available with hard surface coatings, UV stability, antimicrobial protection and is non-flame enhancing