

Pentaprint®

Pentaprint® - high versatility and durability

Nowadays, the appeal of a product or a promotional item is strongly influenced by the printing design and its quality. Therefore, the graphic industry increasingly requires printing substrates which offer an optimum printability, a high versatility for conversion as well as certain durability.

These requirements are perfectly met with Pentaprint®, a comprehensive range of especially formulated printing films which offer a high material strength and durability as well as surfaces which are designed to meet the specific requirements of the printing industry. This makes them suitable as printing substrate for all conventional printing techniques without any additional pre-treatment as they offer a uniform and strong ink adhesion. Due to their exceptional lay-flat properties and dimension stability, they perform excellent on sheet printing machinery.

Pentaprint® films are durable and have a long shelf life. They resist oil, grease, water and chemicals. Special formulations allow us to offer films with high impact strength and edge tear resistance as well as an extended UV stability. For special indoor applications, e.g. trade shows we offer flame resistant films.

Pentaprint® films are suitable for all common converting processes, e.g. cutting, punching, welding, gluing and thermoforming and therefore can be processed into a broad range of products and promotional items.

Typical areas of application are: mouse pads, calendars, organizational aids, greeting cards, overhead transparencies,

identity cards, labels, posters and signs, point-of-purchase displays, promotional items, banners, globes and maps, plant labels and trade show exhibits.

The Pentaprint® product range includes transparent clear, translucent and opaque colours. Customised colours will also be manufactured. The surface range includes gloss, matte and embossed surfaces as well as combination surfaces.

Standard film qualities in selected thicknesses and sheet sizes are available from stock.

In order to fulfil specific requirements of the printing industry, kp has developed the innovative product lines Pentaprint® Dynox which comprehends glossy films with an increased ink adhesion and Pentajet® which includes films which are suitable for all common ink jet printing systems.

Our technical team provide the printing industry with ongoing technical assistance wherever required and advise our customers in the most efficient processing of our films on their printing and converting machinery and develop new and customised solutions.

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