

# Product Specification

## Matt White (IDP) PE permanent



### Description

#### Matt White (IDP) PE (Teslin®) (uncoated, filled polyolefin film)

A truly unique material that looks, prints and fabricates like paper, but is durable like plastic film. The microporous structure makes the product absorptive yet water resistant, soft but strong, highly printable and durable. The porous, uncoated nature of the sheet allows inks and toners to form strong anchor points with the substrate. Compatible with numerous printing and finishing methods it can be sheet fed litho, screen, laser, ink jet, thermal transfer and indigo printed with excellent results. Material is waterproof, durable (chemical and abrasion resistant) conformable and offers a long-life alternative to paper labels. It is steam sterilisable. Self adhesive and thermal laminating films can be used to protect the printed image and UV blocking film is recommended for additional light fastness.

### Adhesive

#### PERMANENT (marine grade) UV Acrylic

Complies with BS5609 part 2 - hazardous goods labelling - resistance to sea water.

Minimum application temperature: 0°C

Temperature range -30°C to +70°C

Tack and final adhesion: Very high

Excellent for use on critical surfaces - the adhesive is highly water resistant and is suitable for labelling cold and humid surfaces. Excellent for applications where durability and water resistance is required.

### Backing

High density white kraft for flatness and stability.

### Printing Information

#### Litho:

The material is absorbent and appropriate inks should therefore be used. Pre cut labels should be printed using low tack inks and a hard blanket to reduce the 'suction' effect.

#### Laser:

Excellent laser printing qualities - including high speed machines. Always fan sheets well before printing. Set media type as 'extra heavy weight', plain paper.

#### Copier:

See laser.

#### Ink Jet:

Water resistant image - no special inks required.

#### Indigo:

Approved for HP Indigo printing



### Approvals

**Contact with Food** - approved for direct contact on dry and moist non fatty foods. (FDA 21 CFR 175.105 (adhesives))

**Toy Safety** - Conforms to EN71 - 3 (Toy Safety) Regulations and Packaging (Essential Requirements) Regulations.

**Heavy Metals** - no heavy metals are used in the manufacturing process and typical contents are less than 1ppm.

### Availability

Available in ranges:

**PCL3 Digital**

**A3**

also available in sheets 320 x 460mm (SRA3+)

#### Disclaimer:

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