



# H12CB 3M CI Clear PET25B-HP100-65WG

## Thermal Transfer Polyester Label Material

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### Product Data Sheet

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#### Description

A 25 micron clear polyester with a high performance acrylic adhesive laminated to a glassine liner.

#### Physical Properties

(Not for Specification Purposes)

| Property |                  | Unit   | Typical Value         | Test Method |
|----------|------------------|--------|-----------------------|-------------|
| FACE     | Caliper          | micron | 23 ± 5%               | TAPPI 411   |
|          | Service Temp     | °C     | 150°C max             | —           |
| ADHESIVE | Peel Adhesion    | N/25mm | 15 typically to glass | FINAT 1     |
|          | Loop Tack        | N/25mm | 12 typically to glass | FINAT 9     |
|          | Service Temp     | °C     | -40°C to 150°C        | —           |
|          | Application Temp | °C     | 5 °C min              | —           |
| LINER    | Substance        | gsm    | 65 ± 3%               | TAPPI 410   |
|          | Caliper          | micron | 56 ± 5%               | TAPPI 411   |

#### Application

The use of a clear substrate makes this product ideally suited as a printable overlaminating film for domestic, retail and industrial markets. Typical applications include service check records for fire extinguishers and other safety equipment.

HP100 is a U.V. stable, permanent, solvent acrylic designed to be an all-purpose adhesive. High initial tack and ultimate adhesion can be achieved on a variety of substrates including glass, aluminium, stainless steel and polypropylene.

65WG is a 65 gram white glassine liner suitable for use where there is automatic label registration or dispensing.

#### Printing

The "B" topcoat is a smudge-proof computer imprintable coating formulated for selective dot matrix overprinting, with excellent UV stability. Variable information can be applied by computer printer, laser printer, plain paper copier, word processor, typewriter or pen and pencil. Pre-print can be applied by letterpress, flexographic, screen or litho process.

#### Shelf Life

This product has a shelf life of 2 years if stored between 10°C and 25°C and 35 to 65% RH.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

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