



H12C3 3M CI Clear PET25B-HP100-90LK

Thermal Transfer Polyester Label Material

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Description

A 25 micron clear polyester with a print receptive topcoat. Laminated with a high performance acrylic adhesive to a kraft liner.

Physical Properties

(Not for Specification Purposes)

	Property	Unit	Typical Value	Test Method
FACE	Caliper	micron	25 ± 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
LINER	Substance	gsm	90 ± 4 gsm	TAPPI 410
	Caliper	micron	94 ± 6 micron	TAPPI 411
PRODUCT	Service Temp	°C	-40°C to 150°C	—
	Application Temp	°C	5 °C min	—

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.

90LK is a 90 gram kraft liner with excellent lay-flat characteristics which can be back printed.

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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