

This technical data sheet refers to the following Lighthouse product(s):

CPM25, CPM27-33 Tybond

DESCRIPTION

Lighthouse Tybond is a gloss white polypropylene film, faced with our calendared soft vinyl film. The result is a specialist material with exceptionally good adhesive properties, durability and UV stability. All vinyl materials have been extensively tested for compatibility with Lighthouse outdoor thermal resin ribbons.

APPLICATION

Tybond is manufactured by Lighthouse to meet the performance requirements of rough and difficult surfaces, such as automotive tyre labelling and wooden pallets.

Please be aware this material is **NOT** recommended for use on metal and low energy surfaces.

CONSTRUCTION

Face Material	Calendared vinyl film, 70 µm thick, cadmium free. Base material 60 µm. 130 µm combined.
Adhesive	Highly aggressive rubber based adhesive is specially designed for use on difficult and rough substrates.
Liner	Highly stable 135 gsm white kraft paper.

SHELF LIFE

2 Years when stored at 20 - 24°C and +50% relative humidity.

PHYSICAL PROPERTIES (AVERAGE VALUES)

Adhesive	Type Initial Tack Ultimate Adhesion	Permanent, Rubber Very High Very High
Temperature Ranges		Min. Application: +10°C End-use: -20°C to +70°C
Flammability – ISO 3795		Sample mounted on aluminium; self-extinguishing.

IMPORTANT NOTICE

All Lighthouse products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Lighthouse products is based on research, which the Company believes to be reliable, although such information does not constitute a warranty.

Because of the variety of uses of Lighthouse products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.