

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

CPMUB01-05 & CPMUB07-08, CMUB01-02 & CMUB08, CJUB0102-04 & CJUB0202-04
Lighthouse Ultrabond[®]

RECOMMENDED PRINTING SPEED & DARKNESS SETTINGS FOR CJUB0102-04 & CJUB0202-04 WITH CJ PRO RIBBONS:

Ribbon Colour	Recommended printing speed	Recommended darkness setting
Black & White	37mm/s	12
Coloured ribbons	25mm/s	14

DESCRIPTION

Lighthouse Ultrabond[®] is a high opacity, high gloss vinyl, with a specialised permanent acrylic adhesive. Thanks to its high tack, flexible characteristics, the vinyl is easy and quick to manage; making it perfect for long term durable applications. All Lighthouse Ultrabond[®] materials have been extensively tested for compatibility with Lighthouse thermal resin ribbons.

CONSTRUCTION

Face Material	PVC (polymeric softeners free of cadmium)
Thickness	~ 70µm
Adhesive	Acrylic pressure sensitive adhesive Square quantity: ~ 30g/m ²
Release Liner	PE-coated silicon cardboard (both sides) Square weight: ~ 144g/m ²

CHARACTERISTICS

Adhesive Strength	(ASTMD-903)
Immediately	~ 9 N/25 mm
After 1 week	~ 21 N/25 mm
Dimensional Stability	Applied onto aluminium Max. -0.45% after 48 hours stored at 70°C (25 x 25 cm)
Chemical Resistance	In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkalies and salts.
Light Proofness	DIN 53 388 Non-fade grade: 6-8 (Woll-Scale)
Combustibility	Stuck on aluminium, the vinyl is self-extinguishing.
Application Temperature	Min. 15°C
Service Temperatures	-30°C up to +80°C
Durability	Minimum 7 years outdoors, with vertical exposure, in middle-European climate.

APPLICATION

Application dry or damp. If Applied damp, a possible whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.

SHELF LIFE

3 Years when stored at 15 - 25°C and +50-60% relative humidity.

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.