

This technical data refers to the following Lighthouse products:

**Premium Grade Vinyl**

**Description**

Gloss finish soft calendered vinyl film coated with high quality permanent solvent based acrylic adhesive, presented on a Kraft liner.

**Applications**

Designed for everyday sign and label applications, both internal and external use. These include, safety signs and labels, product marking, plant ID, asset marking, facilities management signs and labels, logistics labels, visual management labelling.

**Technical Information**

Thickness	Film Liner	66-75 microns 130-135gsm
Durability (Vertical weathering in central European climate)		4-5 years
Adhesion (FTM 1)	20 min on stainless steel 1 week on stainless steel	14 N/25mm 19 N/25mm
Dimensional stability (Applied to aluminium, 48 hours stored at 70°C)		<0.5%
Service Temperature		-40°C to +70°C
Minimum Application Temperature		+10°C
Tensile Strength (DIN ISO 527-3)		>25 N/15mm
Elongation at Break (DIN ISO 527-3)		>150%
Resistance To Solvents and Chemicals (Applied on stainless steel 72 hours before immersion)		Water, water and detergent, alcohol: Unaffected. Oil, gasoline: Affected (lifting around edges).
Flammability EN 13501-1		Self-extinguishing, applied on aluminium
Compliance		RoHS 2 REACH
Shelf Life (When stored at 15-20°C & ±50% relative humidity)		2 years

Compatible Ribbons for Printing	Lighthouse Standard Thermal Ribbons Lighthouse Process CMYK Thermal Ribbons
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**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. We recommend the purchaser conducts their own testing to determine the suitability for their required application. 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.