

This technical data refers to the following Lighthouse products:

Speciality Thermal Ribbons CPM-100 & CPM-200

Description

High opacity and durable resin thermal transfer ribbons with superior resistance to heat, abrasion and chemicals.

Technical Information (Typical values across range)

Thickness	Total Thickness Base Film Thickness Ink Thickness	6.7µ – 9.3µ ±0.8µ 4.5µ - 4.8µ ±0.4µ 2.2µ - 3.5µ ±0.4µ
Durability		
Smudge Resistance	A*	Colourfastness Tester – 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colourfastness Tester – 50 Cycles @ 200 Grams with Stainless Steel Pointed Tip
*American National Standard Institute (ANSI) Grade Levels A, B, C, D and F, where A is excellent B is above average, C is average, D is below average, and F is poor.		

Compliance	RoHS 2 REACH TSCA MOSH -MOAH POPs California Proposition 65 Halogen Free UL recognised – See label product for file number and compatible ribbons. Descriptor: R510
Storage	1 Years Stored at 15 to 25°C and ±50% relative humidity. Avoid temperatures above 40°C and below 0°C Avoid any light (both sunlight and electrical light) as much as possible.

Compatible self-adhesive materials	3M & Lighthouse Polyester films Lighthouse Security Films Lighthouse Photoluminescent Lighthouse Reflective Vinyl Lighthouse Decorative Films
------------------------------------	---

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.