

This technical data refers to the following Lighthouse products:

Black Wax Ribbon

CJPR4501 & CPMWR40

Description

Black Wax thermal ribbon is designed for printing on a variety of paper-based label stock. Delivering a durable, dark, crisp print for improved barcode scan rates. Typical application include, inventory, logistics, package and barcode, QR code labelling.

Technical Information

Base Film thickness (µm)	4.8 ± 0.3 micron
Total Thickness (µm)	7.8 ± 0.6 micron
Ink Thickness (µm)	3.0 ± 0.3 micron
Ink Transfer Temperature	Uncoated tag 67°C (152°F)

Durability of Printed Image		
Print Density	> 1.75 densitometer	
Smudge Resistance	ANSI A*	Colourfastness Tester – 50 Cycles at 500 Grams with Cotton Cloth
Scratch Resistance	ANSI A*	Colourfastness Tester – 20 Cycles at 200 Grams with Stainless Steel Pointed Tip
*Represents the American National Standard Institute (ANSI) Grade measured at the given conditions. Grade levels are 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
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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.