

Chemical Drum Labelling

Thermal Transfer Ribbon Compatibility Guide

Ribbon Types:

Wax/Resin

Compatible with many different paper and filmic substrates, giving excellent print resolution on picket fence and ladder barcodes. Suitable for both flat head and corner-edge printer heads. Typically, wax/resin ribbons are used on matt films or absorbing topcoats.

Resin

The correct choice when high print quality and durability are required. Compatible with filmic substrates and both flat-head and corner-edge print heads, these ribbons offer a premium quality image that will resist high temperatures and a variety of aggressive chemicals.

Testing criteria:

Print quality

excellent ✓✓✓
 good ✓✓
 acceptable ✓
 poor –
 unacceptable ✕

Scratch resistance

excellent ●●●●
 good ●●●●
 acceptable ●●●
 poor ●●
 unacceptable ●

Product description	Armor		DNP			IIMAK		RICOH	
	AXR7+ (Resin)	AXR8 (Resin)	R300 (Resin)	R510 (Resin)	R550 (Resin)	PM255 (Wax/Resin)	SP330 (Resin)	B110A-X2 (Wax/Resin)	B110CR (Resin)
PE80 Data Matt White	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓ ●●●●	✕ ●	✕ ●●●	✓✓✓ ●	✓✓✓ ●●●●	✓✓✓ ●●	✓✓ ●●●●
PE100 White	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●	✓ ●●●●	✓✓✓ ●●	✓✓✓ ●●●●
PE100 Top White	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓ ●	✓✓✓ ●●●●	✓✓✓ ●●	✓✓✓ ●●●●
Trans PE HD	✓✓✓ ●●●●	✓ ●	✓✓ ●●●●	✕ ●	✕ ●	✓✓✓ ●	✓✓ ●●●●	✓✓✓ ●●	✓ ●●●●
Trans PE HD90	✓✓✓ ●●●●	✓✓✓ ●●●●	✓ ●●●●	✕ ●	– ●●●●	✓✓✓ ●●	✓✓✓ ●●●●	✓✓✓ ●●	✓✓ ●●●●
Trans PE HD105	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓ ●●●●	✕ ●	– ●●●●	✓✓✓ ●●	✓✓ ●●●●	✓✓✓ ●●	✓✓ ●●●●
Tuff	✓✓✓ ●●●●	– ●●●●	– ●●●●	✕ ●	✕ ●	✓✓✓ ●	✓ ●●●●	✓✓ ●●	– ●●●●
Trans PP70 Matt White	✓✓ ●●	✓✓ ●●●●	– ●●●●	✕ ●	– ●●	✓✓✓ ●	✓ ●●●●	✓✓✓ ●	✓ ●●●●
PP NG Top White	✓✓✓ ●●●	✓✓✓ ●●●●	✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓ ●	✓✓✓ ●●●●	✓✓✓ ●	– ●●●●
CO-EX100	✓✓✓ ●●●●	✓✓ ●●●●	– ●●●●	– ●●●●	– ●●●●	✓✓ ●	– ●●●●	✓✓✓ ●●	✓ ●●●●
PVC White	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓✓ ●●●●	✓✓ ●●●●	✓✓ ●	✓ ●●●●	✓✓✓ ●	✓✓✓ ●●●●
Grip	– ●●●●	✕ ●●●●	– ●●●●	✕ ●	✕ ●	✓ ●●	– ●●●●	✓✓✓ ●●●	– ●●●●

For more information on technical performance and printing recommendations, please refer to the respective datasheets. Please note that the Avery Dennison product range and service offering can be subject to changes. For an accurate overview, please check our website label.averydennison.eu or contact your local Avery Dennison sales representative.

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