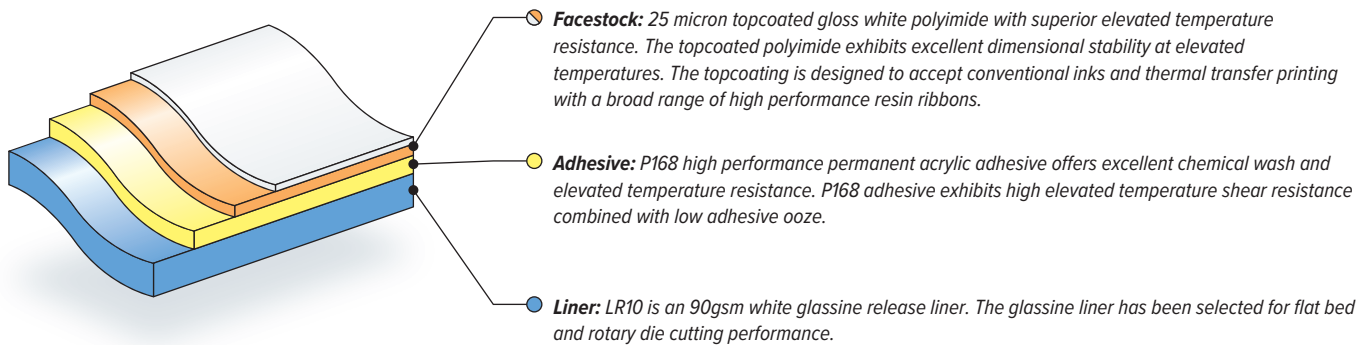


# Thermal transfer printable high temperature gloss white polyimide (PI) film

01-860N#



**Product description:**

01-860N# 25µ thermal transfer printable gloss white topcoated polyimide film offers superior chemical and elevated temperature performance. 01-860N# is designed to withstand the higher temperature requirements associated with lead free solder processes. Designed to accept conventional inks and thermal transfer printing with a broad range of premium resin ribbons. P168 high performance adhesive exhibits excellent elevated temperature, shear and chemical cleaning resistance.

**Typical applications:**

On demand variable information labels for elevated temperature applications such as surface and underside circuit board labels.

**Typical industry sectors:**

Automotive, appliance and electronic.

General characteristics:				
Properties	Typical values		Unit of measure	Test method
Physical	<ul style="list-style-type: none"> <li>○ Facestock (topcoat included)</li> <li>● Adhesive</li> <li>● Liner</li> </ul>		40µ ± 10% 35gsm ± 3% 84µ ± 10%	FTM 12
Temperature resistance	300°C for 90 seconds – 4.0 260°C for 5 minutes – 4.0		Grey scale 1 = poor 5 = superior	AATCC8
Peel adhesion Stainless steel Epoxy PCB board	<b>Initial</b> 14.8 13.6	<b>24 hours</b> 23.6 21.8	N/25mm @ 23°C, 50% RH	FTM 1
Chemical resistance	Zestron Atron AC 205 15% aqueous solution for 5 minutes @ 45°C – 5.0 IPA 100% for 1 hour at 25°C – 5.0 Water 100% for 1 hour at 25°C – 5.0		Grey scale 1 = poor 5 = superior	FTM 17
Dimensional stability	Excellent <1		<1mm	FTM 14
Min. application temperature	+10°C		Celsius	

The representations of performance and suitability for use contained in this data sheet are meant only as a guide. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. Copyright 1995

**RoHS** RoHS2 compliance: This product is in compliance with European parliament directive 2011/65/EU which restricts the use of certain hazardous substances in electrical and electronic equipment.

