

# SONY

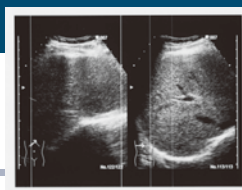


## Why Sony's Thermal Print Media?

# Extend the lifetime of your printer by using Sony's Thermal Print Media



Sometimes vertical white streaks appear in important print results. Why does this happen?



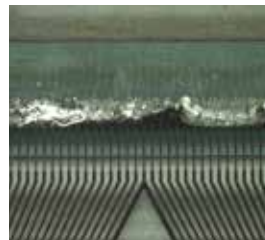
## Issue 1

Foreign substances such as hand oil, sebum, and ultrasonic gel can adhere to print media when you are replacing or replenishing it. Foreign matter can also adhere to the print head and, once this becomes dirty, it causes problems such as vertical streaks in the print result.

Print head



Before printing



After printing

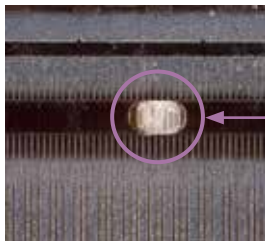
## Issue 2

Friction between the print media and the print head during the printing process may cause the print media to become charged. This static electricity destroys the print head elements, causing problems such as vertical stripes appearing in the print result.

Print head



Before printing



Destroyed heating element of printer head

After printing

## Reliable Print Media Quality from Sony

### Long-lasting, durable prints

Humidity and heat cause degradation of thermal prints. The thermal coating of Sony's Print Media features high resistance to humidity and heat.

Heat resistance		Humidity resistance	
50°C, Dry, 7days		40°C, 90%, 7days	
UPP-110S	Non-Sony Media	UPP-110S	Non-Sony Media

### High water resistance

A high gloss layer prevents prints being smudged by fingerprints or water. It also increases storage stability.

\* The UPP-110HG and UPP-84HG only.



Note: This brochure shows possible problems when using non-Sony media.

## Sony's Answer to Issue 1

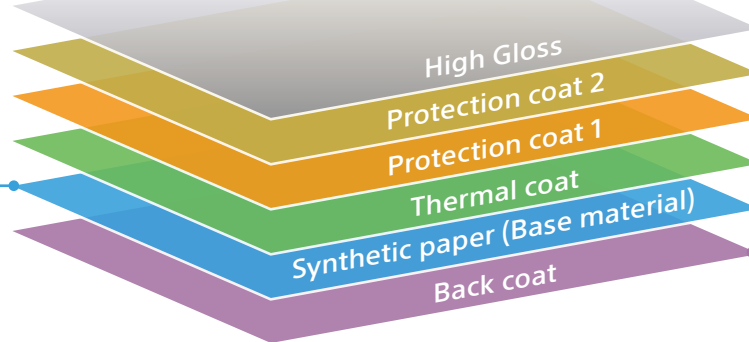
### Our protective coating keeps the print head clean

Sony's UPP-110 Series Thermal Print Media is made of material that is unlikely to contaminate the print head. In addition, this media's protective coating cleans off foreign substances that adhere to the head during printing. Since this head cleaning process occurs every time printing is performed, this greatly reduces the occurrence of poor quality printing.

Special material that is less likely to stain the print head

The head is cleaned automatically during printing

### Structure of High Quality Thermal Paper UPP-110 series



## Sony's Answer to Issue 2

### Our back coating avoids electrostatic charging

The back of Sony's print media has a very thin coating to prevent charging. This avoids the accumulation of electrostatic energy which can damage the thermal head, the most vital element of the printer. Sony's Thermal Print Media features this protective back coating.

Back coating saves the printer head from damage

### Grey-scale reproduction

Accurate grey-scale reproduction is critical to achieving the correct tonal range of a printed image. Sony simultaneously develops video printers and print media with carefully matched grey-scale characteristics that give the best possible image transfer quality.



Sony's UPP-110HG  
with wider gradations



Non-Sony media  
with narrow gradations

### Continuous hassle free printing

Sony's Thermal Print Media features minimal curling. This is key to ensuring reliable and smooth throughput and avoiding paper jams.



# Extend the lifetime of your printer by using Sony's Thermal Print Media

Sony's print media is designed to match the mechanical characteristics of Sony's printers.

## How To Identify Sony's Genuine Print Media



			Printer Model Name					
	Model Name	Paper Size	UP-D711MD	UP-X898MD UP-D898MD UP-D898DC	UP-897MD UP-D897	UP-895 Series UP-D895 Series	UP-991AD UP-971AD	UP-990AD UP-970AD
A7 Width	UPP-84HG	84 mm x 12.5 m (3 1/2 inch x 41 ft)	●					
	UPP-84S	84 mm x 13.5 m (3 1/2 inch x 44 ft 3 inch)	●					
A6 Width	UPP-110HG	110 mm (W) x 18 m (4 3/8 inch x 59 ft 11/16 inch)		●	●	●		
	UPP-110HD	110 mm (W) x 20 m (4 3/8 inch x 65 ft 7 1/2 inch)		●	●	●		
	UPP-110S	110 mm (W) x 20 m (4 3/8 inch x 65 ft 7 1/2 inch)		●	●	●		
A4 Width	UPP-210HD	210 mm (W) x 25 m (8 3/8 inch x 82 ft 13/16 inch)					●	●
	UPP-210SE	210 mm (W) x 25 m (8 3/8 inch x 82 ft 13/16 inch)					●	●

## Thermal Print Media Lineup



**UPP-84HG**  
Thermal Print Media (High Glossy)  
Paper size: 84 mm (W) x 12.5 m



**UPP-84S**  
Thermal Print Media (Normal)  
Paper size: 84 mm (W) x 13.5 m



**UPP-110HG**  
Thermal Print Media (High Glossy)  
Paper size: 110 mm (W) x 18 m



**UPP-110HD**  
Thermal Print Media (High Density)  
Paper size: 110 mm (W) x 20 m



**UPP-110S**  
Thermal Print Media (Normal)  
Paper size: 110 mm (W) x 20 m



**UPP-210HD**  
Thermal Print Media (High Density)  
Paper size: 210 mm (W) x 25 m



**UPP-210SE**  
Thermal Print Media (Normal)  
Paper size: 210 mm (W) x 25 m

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