

SONY®



Thermal print media  
UPP-110HG/UPP-110HD/UPP-110S

# Why Sony's Media?

# PRINT MEDIA FOR SONY'S MEDICAL PRINTERS

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

When you're trying to consistently obtain optimal print quality, it's tempting to focus on your printer. And so you should. But your printer is just one part in the process from image capture to image transfer. The choice of print media is equally crucial: the quality of a printed image, now or several years hence, can facilitate accurate diagnosis and serve as a lasting record. That same decision can mean the difference between the high-quality, trouble-free printing that needs to be taken for granted in difficult circumstances, or a serious problem at a critical moment. Sony's print media is developed with patented technologies exclusively alongside Sony's printers – the one complements the other. Use them together and you'll get the very best out of both. Here's how.

## Advanced features

### High water resistance

The high gloss/gloss layer of Sony's print media, the result of proprietary technologies, provides high water resistance and high storage stability. This layer prevents print smudging from fingerprints or water and increases storage stability.\*



### High-gloss, high-quality prints

Not only that, the heavy-duty high gloss layer achieves smudge-free, high-quality printing at the same time as adding an attractive high-gloss finish to the sheet.

\*Applicable model: UPP-110HG

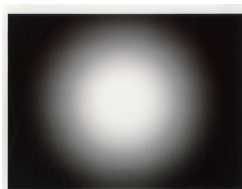


### Head matching performance

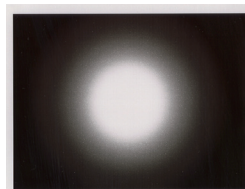
The top coat layer of Sony's print media, designed to optimally match the printer heads of Sony's printers in mind, provides continuous printing.

### Grey-scale reproduction

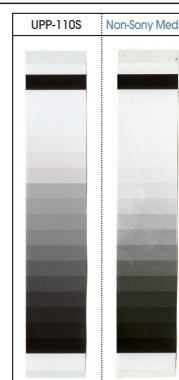
Accurate grey-scale reproduction is critical to achieve the correct tonal range of the printed image. Sony simultaneously develops video printers and print media with carefully matched grey-scale characteristics that give the best possible image transfer quality.



Sony UPP-110HG  
with wider gradations



Non-Sony Media  
with narrow gradations



## High-quality Sony UPP-110 series Structure of thermal paper



\* High gloss layer for the UPP-110HG,  
Gloss layer for the UPP-110HD

### Anti-electrostatic layer

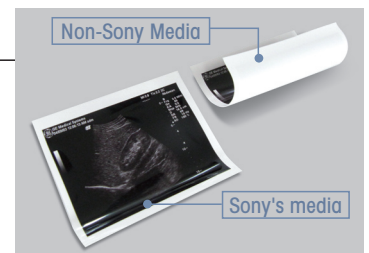
Sony's print media has a built-in antistatic layer which acts against the buildup of electrostatic energy. Without this layer, electrostatic energy can accumulate – reaching a potential at which sparking can occur. Sparking can destroy vital electronic components in the printer, particularly in the thermal head.

\* In case of contact with water, immediately wipe off it to avoid print smudging.



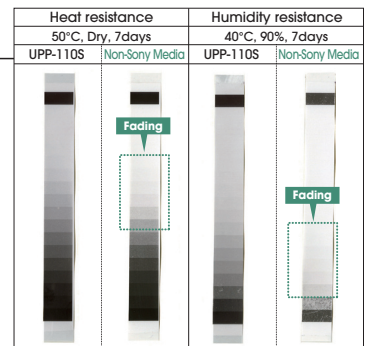
## Minimal curling

Moreover, Sony's media is designed for minimal curling to ensure reliable, smooth throughput. Minimal curling enables you to file it easily.



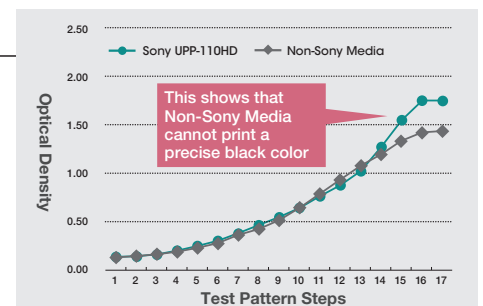
## High humidity and heat resistance

High humidity can cause a significant loss of print density. This degradation in quality is much less marked with Sony's print media than with media from other manufacturers, especially in highly humid conditions. Choosing Sony's print media means that picture durability is maintained.



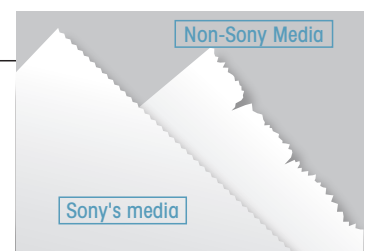
## Superior print quality

Thanks to rigorous application pressure control, the thermal coat layer delivers high-quality coloring properties. The Y curve and Dmax are strictly adjusted to ensure the stable provision of consistent, optimal image quality.



## Excellent tearing properties

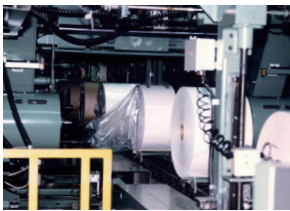
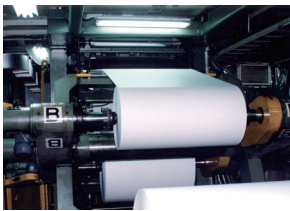
For the base material, the foundation of print media, Sony uses a dedicated substrate that matches the thermal specifications of Sony's printers, and applies a special process to improve coating properties. This is the secret behind the excellent tearing properties of Sony's media. The specification prevents cutting in the machine direction, yet provides excellent cutting properties in the cross direction.





## Rigorous manufacturing quality control systems

Sony implements rigorous quality control in the manufacturing of print media. The organization supplies print media optimized for use in its printers by operating manufacturing plants that deploy high-quality manufacturing technologies, including superb coating technologies- such as coating adjustment and coating quantity profiles- and the thorough automation of finishing processes to eliminate contamination and human error.



## UPP-110 Series Lineup

A6Width



### UPP-110HG

Thermal Print Media (Type V: High Glossy)

Paper size: 110 mm (W) x 18 m

Print quantity: 193 prints (with UP-897MD/D897)

UP-897MD UP-D897

A6Width



### UPP-110HD

Thermal Print Media (Type II: High Density)

Paper size: 110 mm (W) x 20 m

Print quantity: 215 prints (with UP-897MD/D897)

UP-897MD UP-D897

A6Width



### UPP-110S

Thermal Print Media (Type I: High Quality)

Paper size: 110 mm (W) x 20 m

Print quantity: 215 prints (with UP-897MD/D897)

UP-897MD UP-D897

## Print Media at a Glance

					UP-897MD/D897	UP-895MD/895CE/D895/ D895MD	UP-890MD/890CE/D890	UP-860/860CE/D860/ D860E
A6Width	Thermal Print Media (Type V: High Glossy)	UPP-110HG	18 m		○	○		
	Thermal Print Media (Type II: High Density)	UPP-110HD	20 m		○	○	○	○
	Thermal Print Media (Type I: High Quality)	UPP-110S	20 m		○	○	○	○

Production of these products has been discontinued.

Distributed by

©2009 Sony Corporation. All rights reserved.

Reproduction in whole or in part without permission is prohibited.

Features and specifications are subject to change without notice.

All non-metric weights and measurements are approximate.

Sony is a registered trademark of Sony Corporation.