



SONY

# Medical Print Media

Print Media Guide

[pro.sony.eu/medical](http://pro.sony.eu/medical)

# Sony print media for Sony medical printers

When you're trying to obtain the optimal print quality consistently, it's tempting to focus on your printer hardware. And so you should. But your printer hardware is just one part of the process from image capture to image output. The choice of print media is equally crucial: the quality of a printed image, now or several years hence, can facilitate a diagnosis and serve as a lasting record.

Sony medical print media is developed exclusively alongside Sony printers – each complements the other. Use them together and you'll get the very best out of both. Here's how.



## Print media for black & white printers

### Greyscale reproduction

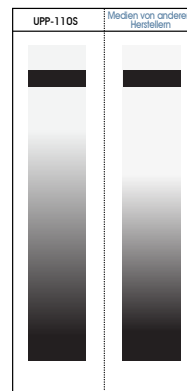
Accurate greyscale reproduction is critical to achieve the correct tonal range of the printed image. Sony simultaneously develop medical printers and print media with carefully matched greyscale characteristics that give the best possible image transfer quality.



Sony UPP-110HG  
mit weiteren Abstufungen



Medien von anderen Herstellern  
mit engen Abstufungen



### Anti-electrostatic layer

Sony print media has a built-in anti-static layer which acts against the build up 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 the thermal head.

### Thermal head life

Sony print media is designed and made to contain the minimum of harmful ions that can damage the surface of the thermal head and shorten its working life.

### Image quality

Good mechanical and printing characteristics are essential in print media if it is to realise the full quality potential of a medical printer.

Sony print media is formulated so that when used with Sony printers, the possibility of the media jamming because of it sticking to the thermal head is avoided. Furthermore, variations in image density through exposure to different levels of humidity are minimised.

# Print media for colour printers

## Reliable feeding

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The stiffness and friction characteristics of Sony print media are scrupulously matched to the printer to ensure reliable paper feeding. Only the use of Sony print media guarantees this vital compatibility between media and printer.

## Continuous printing

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Sony print media is designed to avoid the possibility of it sticking to the ink ribbon. This is a crucial factor in achieving continuous printing without paper jams and avoiding damage and wrinkling of the ink ribbon.

## Optimal curling

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Optimum curling aids transportation of the print media. Too much or too little curling and print media can jam. Sony print media is designed for constant optimum curling to provide reliable, smooth throughput.

## Anti-electrostatic layer

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Sony printing papers have a built-in anti-static layer to minimise the build-up of electrostatic energy during the printing process. This anti-static property is essential to avoid an accumulation of electrostatic energy which can result in an electric spark and possible damage to the electronic components of the printer's thermal head.

## Quality and longevity

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With our unique paper formulation, the quality and longevity of printed images are maximised when Sony print media and medical printers are used in conjunction. To ensure the best printout quality and durability, always use Sony print media and printers.

# Why risk printing on anything else?

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



# Media for medical printers

Size	Description	Comments	Model	Prints per pack or length	Printers					Number of rolls or packs		
<b>Colour printing for reference</b>					UP-DR80MD	UP-D77MD	UP-D75MD				Per subcarton	Per mastercarton
A4	Self-laminating Colour Printing Pack		UPC-R80MD	100 (50x2)	●							4
A4	Self-laminating Colour Printing Pack		UPC-770	72		●	●					5
					UP-55MD	UP-D55						
A5	Colour Printing Pack		UPC-55	200 ( 2x100)	●	●						5
					UP-25MD	UP-D25MD	UP-20/21MD	UP-D23MD				
A6	Colour Printing Pack		UPC-21L	200 ( 50x4)	●	●	●	●				6
A7	Colour Printing Pack		UPC-21S	240 (80x3)	●	●	●	●				6
A6	Self-laminating Colour Printing Pack		UPC-24LA	160 ( 40x4)	●	●						6
A7	Self-laminating Colour Printing Pack		UPC-24SA	180 (60x3)	●	●						6
<b>Black &amp; white printing for reference</b>					UP-D72XR	UP-D74XRD						
8x10"	Blue Thermal Film		UPT-736BL	100		●						5
8x10"	Blue Thermal Film		UPT-735BL	100	●							5
8x10"	Thermal Print Media		UPP-725	100	●	●						5
					UP-991 AD	UP-990AD	UP-971 AD	UP-970AD				
A4	Thermal Print Media	(Type II: High Density)	UPP-210HD	25m	●	●	●	●		5	20	
A4	Thermal Print Media	(Type I: High Quality)	UPP-210SE	25m	●	●	●	●		5	20	
A4	Blue Thermal Film	(Type III)	UPT-210BL	12.5m	●	●				5	20	
					UP-X898MD	UP-D898MD	UP-897 series	UP-895 series	UPP-890 series			
A6	Thermal Print Media	(Type V: High Glossy)	UPP-110HG	18m	●	●	●	●		10	100	
A6	Thermal Print Media	(Type IV: Superior Density)	UPP-110HA	18m					●	10	100	
A6	Thermal Print Media	(Type II: High Density)	UPP-110HD	20m	●	●	●	●	●	10	100	
A6	Thermal Print Media	(Type I: High Quality)	UPP-110S	20m	●	●	●	●	●	10	100	
					UP-D711MD							
A7	Thermal Print Media	(Type HG: High Glossy)	UPP-84HG	12.5 m	●					10	100	
A7	Thermal Print Media	(Type S: High Quality)	UPP-84S	12.5 m	●					10	100	
<b>Black &amp; white printing for diagnosis</b>					UP-DF750	UP-DF550	UP-DF500					
14x17"	Blue Thermal Film	For general Radiology	UPT-517BL	125	●	●	●					4
11x14"	Blue Thermal Film		UPT-514BL	125	●	●						4
10x12"	Blue Thermal Film		UPT-512BL	125	●	●						4
8x10"	Blue Thermal Film	For Mammography application	UPT-510BL	125	●	●						4
10x12"	Blue Thermal High density Film		UPT-M712BL	125	●							4
8x10"	Blue Thermal High density Film		UPT-M710BL	125	●							4

Printer models in this colour are available printers, other models are discontinued.

# Storage conditions

## Storing unused print media

- Store print media in a dark location where the temperature is less than 30 °C.

## Storing printed print media

- Store in a location where the temperature is below 30°C and the rel. humidity is under 60%
- Store in a dark place and avoid direct sunlight or artificial light
- Do not put an organic solvent, such as alcohol, on the surface of the printed paper
- Do not rub the printed surface hard
- Do not cover the printed paper with a commercially available laminate

## Laminated Colour Print Media

### UPC-R80MD / UPC-24LA / UPC-24SA

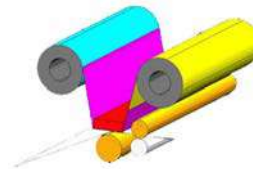
The Sony Medical Colour Printers, UP-DR80MD , UP-25MD and UP-25MD employ Sony's laminating technology. The printer coats each print with a protective layer that is resistant to light, heat, water, humidity and fingerprints at the end of the printing process.

#### Benefits of lamination layer:

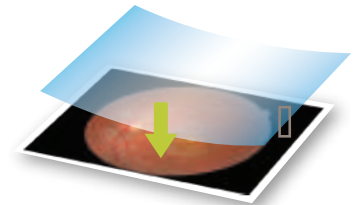
- Water and liquid resistant
- Light resistant
- Heat resistant
- Fingerprint resistant



Lasting 100+ years\*



Dye-sublimation technology



4th layer of lamination

\* If storage conditions are respected

# Medical print media line-up

## COLOUR PRINTING FOR REFERENCE

A4

A5

A6

A7



**UPC-R80MD**  
Self-laminating  
Colour Printing Pack



**UPC-770**  
Self-laminating  
Colour Printing Pack



**UPC-55**  
Colour Printing Pack



**UPC-21L**  
Colour Printing Pack



**UPC-24LA**  
Self-laminating  
Colour Printing Pack



**UPC-21S**  
Colour Printing Pack



**UPC-24SA**  
Self-laminating  
Colour Printing Pack

## BLACK & WHITE PRINTING FOR REFERENCE

8x10" (20x25 cm)

A4



**UPT-736BL**  
Blue Thermal Film



**UPT-735BL**  
Blue Thermal Film



**UPP-725**  
Thermal  
Printing Paper



**UPP-210HD**  
Type II High Density  
Thermal Printing Paper



**UPP-210SE**  
Type I High Quality  
Thermal Printing Paper



**UPT-210BL**  
Type III  
Blue Thermal Film

A6

A7



**UPP-110HG**  
Type V High Gloss  
Thermal Printing Paper



**UPP-110HA**  
Type IV Super Density  
Thermal Printing Paper



**UPP-110HD**  
Type II High Density  
Thermal Printing Paper



**UPP-110S**  
Type I High Quality  
Thermal Printing Paper



**UPP-84HG**  
Type HG High Gloss  
Thermal Printing Paper



**UPP-84S**  
Type S High Quality  
Thermal Printing Paper

## BLACK & WHITE PRINTING FOR DIAGNOSIS

14x17"

11x14"

10x12"

8x10"



**UPT-517BL**  
Blue Thermal Film



**UPT-514BL**  
Blue Thermal Film



**UPT-512BL**  
Blue Thermal Film



**UPT-M712BL**  
Blue Thermal  
High Density Film



**UPT-510BL**  
Blue Thermal Film



**UPT-M710BL**  
Blue Thermal  
High Density Film

## How to identify genuine Sony Print Media



**SONY**

Sony's print media is developed with patented technologies exclusively alongside Sony's printers, to ensure they complement each other.

When purchasing print media look for the Sony logo in the top left to identify a genuine product.

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