

Sony Medical Print Media Guide

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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. 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 time. 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

Grey scale reproduction

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

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.

Why risk printing on anything else?

Print media for colour printers

Reliable feeding

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

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

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

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

The quality and longevity of printed images are maximised when Sony print media is used with Sony printers. This is only achieved through the unique Sony paper formulation. Sony commits to give the best quality and the durability of printout when Sony branded print media is used with Sony printers.

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

Media for current medical printers

Size	Description	Comments	Model	Prints per pack or length	Printers		Number of rolls or packs	
					UP-DF550	UP-DF500	Per subcarton	Per mastercarton
14x17"	Blue Thermal Film		UPT-517BL	125	●	●		4
11x14"	Blue Thermal Film		UPT-514BL	125	●			4
10x12"	Blue Thermal Film		UPT-512BL	125	●			4
8x10"	Blue Thermal Film		UPT-510BL	125	●			4
					UP-D74XRD	UP-D72XR		
8x10"	Blue Thermal Film		UPT-736BL	100	●			5
8x10"	Blue Thermal Film		UPT-735BL	100		●		5
8x10"	Thermal Printing Paper		UPP-725	100	●	●		5
					UP-D77MD	UP-D75MD		
A4	Self-Laminating Colour Printing Pack		UPC-770	72	●	●		5
					UP-990AD	UP-970AD		
A4	Blue Thermal Film		UPT-210BL	12.5m	●		5	20
A4	Thermal Printing Paper	(Type II: High Density)	UPP-210HD	25m	●	●	5	20
A4	Thermal Printing Paper	(Type I: High Quality)	UPP-210SE	25m	●	●	5	20
					UP-55MD/D55			
A5	Colour Printing Pack		UPC-55	200	●			5
					UP-20/21MD/D23MD			
A6	Colour Printing Pack		UPC-21L	200	●			6
A6	Colour Printing Pack		UPC-21S	240	●			6
					UP-897MD/D897			
A6	Thermal Printing Paper	(Type V: High Glossy)	UPP-110HG	18m	●		10	100
A6	Thermal Printing Paper	(Type II: High Density)	UPP-110HD	20m	●		10	100
A6	Thermal Printing Paper	(Type I: High Quality)	UPP-110S	20m	●		10	100

Media for discontinued medical printers

Size	Description	Comments	Model	Prints per pack or length	Printers					Number of rolls or packs	
					UP-D72XRS					Per sub-carton	Per master-carton
8x10"	Thermal Printing Paper	UPP-725		100	●						5
					UP-D70XR						
A4	Blue Thermal Film		UPT-730BL	100	●						5
A4	Self-Laminating Colour Printing Pack		UPC-740	72	●						5
A4	Self-Laminating Colour Printing Pack		UPC-747	72	●						5
					UP-980	UP-960	UP-930/910				
A4	Blue Thermal Film		UPT-210BL	12.5m	●					5	20
A4	Thermal Printing Paper	(Type II: High Density)	UPP-210HD	25m	●	●	●			5	20
A4	Thermal Printing Paper	(Type I: High Quality)	UPP-210SE	25m	●	●	●			5	20
A4	Thermal Printing Paper	(Type II: High Density)	UPP-216HD	25m			●			5	20
A4	Thermal Printing Paper	(Type I: High Quality)	UPP-216SE	25m			●			5	20
					UP-7300MD/7300MDP/7200MD/7200MDP/7000/7000P/D7000/D7000E						
A4	Colour Printing Pack		UPC-7010	100			●				5
A4	B&W Printing Pack		UPC-7020A	100			●				5
					UP-51MD/MDP/D50	UP-5600/5600MDP	UP-D5500	UP-5000 Series			
A5	Colour Printing Pack		UPC-510	200	●						5
A5	Colour Printing Pack		UPC-540	102	●						5
A5	Colour Printing Pack		UPC-5510	200		●	●				5
A5	Colour Printing Pack		UPC-5010A	100				●			5
A5	B&W Printing Pack		UPC-5020A	100				●			5
					UP-1000 Series	UP-3000 Series	UP2950MD/2900MD/2850P/2800P/2300	UP-211/UP-2100P	UP-D2600/D2600S/D2500		
A6	Colour Printing Pack		UPC-1010	100	●						10
A6	Colour Printing Pack		UPC-2010	200			●	●	●		10
A6	B&W Printing Pack		UPC-2020	200			●		●		10
A6	Self-Laminating Colour Printing Pack		UPC-2040A	120					●		10
A6	Colour Printing Pack		UPC-3010	80		●				5	50
					UP-895MD/D895	UP-890MD/D890	UP-860/D860/D860E				
A6	Thermal Printing Paper	(Type V: High Glossy)	UPP-110HG	18	●					10	100
A6	Thermal Printing Paper	(Type IV: Superior Density)	UPP-110HA	18		●				10	100
A6	Thermal Printing Paper	(Type II: High Density)	UPP-110HD	20	●	●	●			10	100
A6	Thermal Printing Paper	(Type I: High Quality)	UPP-110S	20	●	●	●			10	100

Storage conditions

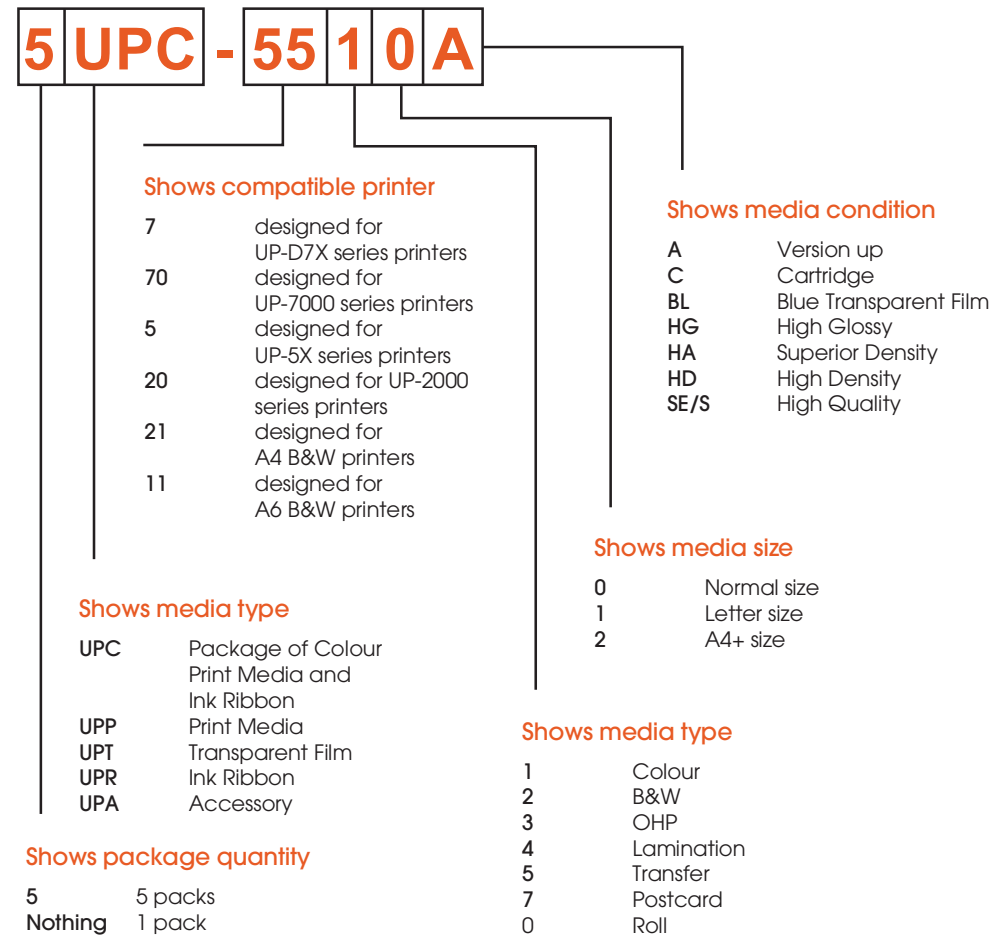
Storing unused print media

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

Storing printed print media

1. Place prints in a bag made of clay-free paper or polypropylene and store in a dark location at a temperature of less than 30 °C.
2. Avoid storing prints in locations which are exposed to high humidity, direct sunlight or artificial light (humidity threshold is 60%).
3. Avoid contact between print media and volatile organic solvents and gases.
4. Use double-sided tape or water-based adhesive to fix prints.
5. Do not stack prints with printed surfaces turned face to face.

How to read print media codes



Medical print media line up



UPP-110S
Type I High Quality
Thermal Printing Paper



UPP-110HD
Type II High Density
Thermal Printing Paper



UPP-110HG
Type V High Glossy
Thermal Printing Paper



UPP-210SE
Type II High Quality
Thermal Printing Paper



UPP-210HD
Type II High Density
Thermal Printing Paper



UPP-725
Thermal Printing Paper



UPC-21S
Colour Print Pack



UPC-21L
Colour Print Pack



UPC-1010
Colour Print Pack



UPC-2010
Colour Print Pack



UPC-510
Colour Print Pack



UPC-770
Self-Laminating
Colour Printing Pack



UPT-210BL
Type III
Blue Thermal Film



UPT-735BL
Blue Thermal Film



UPT-736BL
Blue Thermal Film



UPT-510BL
Blue thermal Film



UPT-512BL
Blue thermal Film



UPT-514BL
Blue thermal Film



UPT-517BL
Blue thermal Film

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