

UV Varnishes

For all printing technologies



UV Varnishes

- For all printing technologies – flexo, screen, letterpress and offset.
- Enhances finish i.e. Gloss or Matte
- Improves resistance against: chemicals, cosmetics, water, weather, UV light and other properties
- Enhance over-printing of variable image printing (VIP) such as thermal ribbons, inkjet, etc.



UV Varnish

Standard range



Code	Purpose	Type	PS Paper Labels	PS Film Labels	PS Thermal Labels
UVF00021	General	Flexo	• • •	• • •	•
UVF00026	High resistant	Flexo	• • •	• • •	• • •
UVF00010	Low Odour	Flexo	• • •	• • •	• •
UVF00081	Hot stampable Thermal Transferable	Flexo	• • •	• • •	-
UVF00090	Matt	Flexo	• • •	• •	-
• • • Highly recommended • Limited use - Not recommended					



UV Varnish

range II



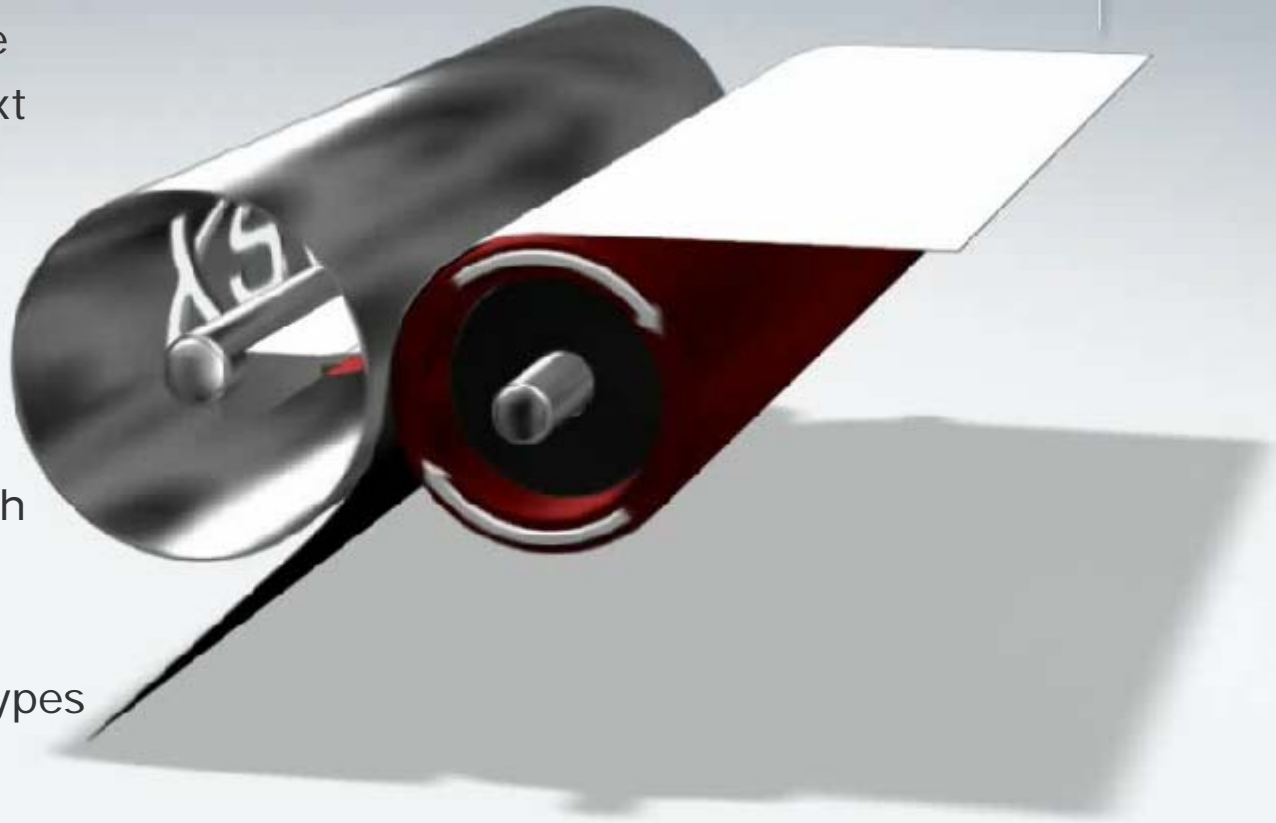
Code	Purpose	Type	PS Paper Labels	PS Film Labels	PS Thermal Labels
UVF00114	Direct Thermal	Flexo	-	-	• • •
UVB00103	Matt	LP	• • •	• • •	-
UVB00104	General	LP	• • •	• • •	•
UVD00100	General	Screen	• •	• • •	-
UVD01120	Tactile	Screen	• • •	• • •	-
UXA00001	DigiCoat	Flexo	• • •	• • •	-
UXB00001	Braille Maker 1.0A	Digital	• • •	• •	-

• • • Highly recommended • Limited use - Not recommended

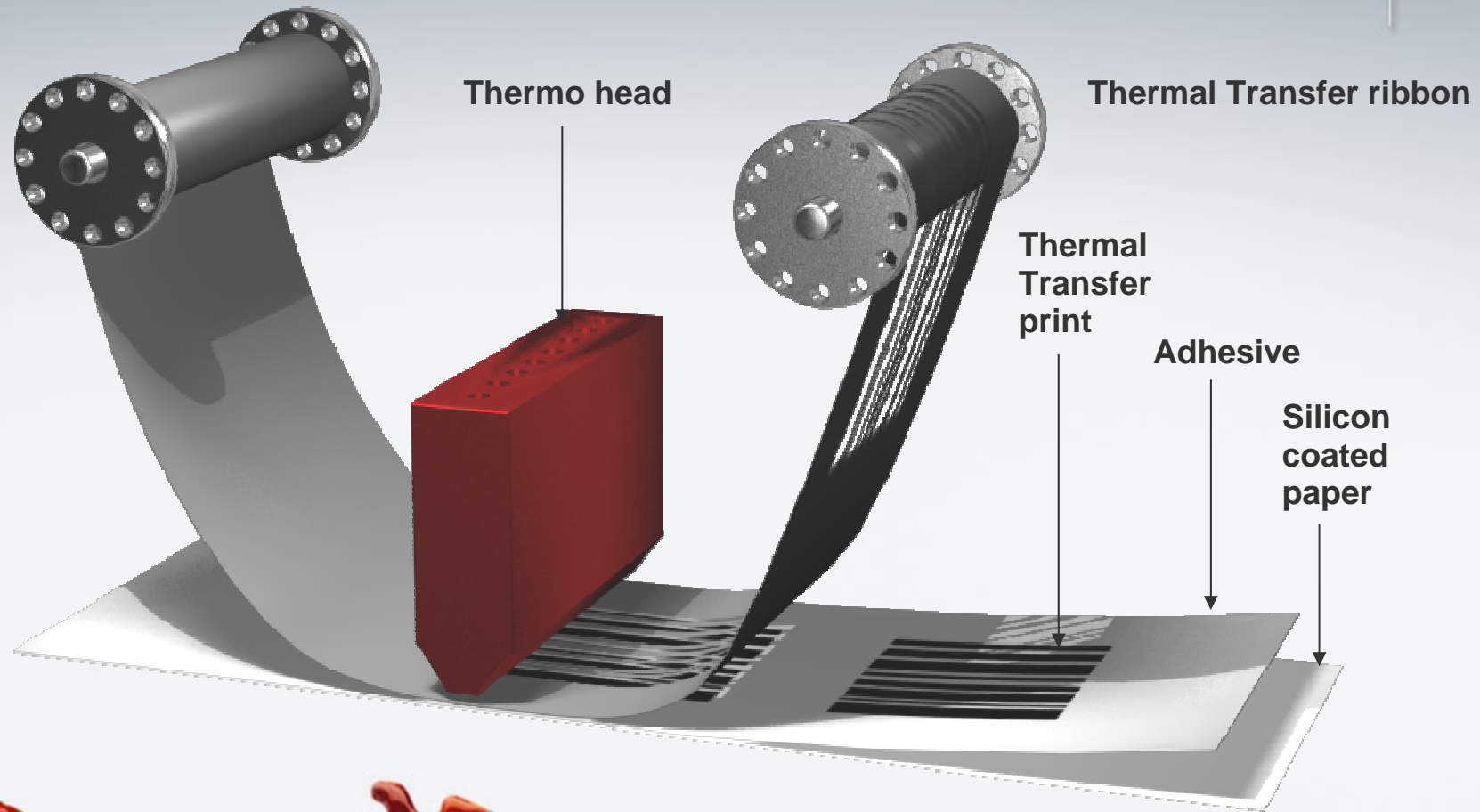


Tactile Screen Varnish

- Introducing SensiCure
- 1 component Tactile varnish for Tactile Text printing
- Possible to create special effects like embossed or erased images
- 1 component varnish suitable to be used in rotary screen, with special tactile mesh types



Thermal Transfer Printing



UV flexo

Thermal Transfer Printing

Following factors may influence TTR Printing

- **Type of printer**
 - Print head
 - Settings; heat, speed and pressure of the printer
- **Ribbon**
 - Type (Resin, wax or combination), Series
- **Ink /varnish**
 - Printing ink & varnish (silicon free)
 - Ink lay down (surface smoothness, pinhole free)
- **Substrate**
 - Absorbance
 - Top coating / smoothness



UV Varnish

Thermal Transfer Printing



- To get optimal TTR result
 - “Overcured” UV Varnish shows bad over printability with some ribbons.
 - Use a UV varnish that is specially designed for TTR
 - Follow recommendations from ribbon supplier
 - Follow the instructions from Thermal Transfer printer supplier
 - Aim for optimal lay-down of print/varnish as even ink/varnish film is much easier to TTR print (more receptive)
 - Find right compatible combination of printer, ribbon, ink and substrate



UV varnish

Thermal Transfer Printing



Ribbon	General UV Varnish	UVF00081
Wax	●	●●●
Wax/Resin	-	●●●
Resin	-	●●●

●●● Highly recommended ● Limited use - Not recommended



UV Varnish

Thermal Transfer Ribbon recommendation



Manufacturer	Wax	Wax/Resin combination	Resin
ARMOR	AWR210, AWX500	APR5	AXR7+, AXR8
RICOH			B110CR
SONY		TR4065, TR4080, TR5050	
KURZ		K200	
DNP		M260,	R316, R300
CALOR			T516Sw, T550Sw
DYNIC		M345	HL60

The TT ribbons that we recommend have shown good compatibility with our inks and varnishes. However this is only a guideline based on our experience and is not a guarantee.

