CD

Perfect Dot® UV

The new Perfect Dot® UV is a dedicated EPDM – printing blanket, the design of which uses Perfect Dot®'s innovative **Dual-Air-Technology**. Besides good solids and halftones, an excellent ink transfer is achieved when using modern UV-inks.

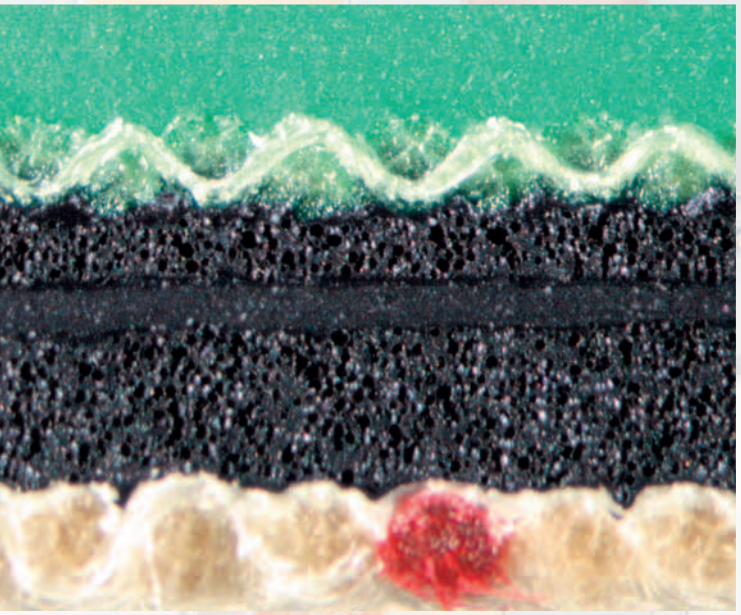
Perfect Dot® UV utilises a special surface layer with outstanding swell and solvent resistance properties. It is easy to clean and provides an excellent lifetime on the press.

Low gauge loss behaviour during the whole lifetime is another advantage of the new Perfect Dot® UV. An outstanding resistance against smashes and edge marks results from the especially thick compressible layers.

Perfect Dot® UV can be used across a very wide range of substrates such as paper, carton, plastic, foils and metallised surfaces without changing the blanket.

Users' advantages

- **Very good solids**
- **Excellent ink transfer**
- **Outstanding swell and solvent resistance**
- **Brilliant resistance against smash and edge marks**
- **Low gauge loss**
- **Extended lifetime**
- **Easy to clean**
- **Wide range of substrates**



Cross cut of the 2-ply Perfect Dot® UV

Packaging

Product data Perfect Dot® UV

Parameter	Test method	Measuring unit	typ. Value
Surface roughness	DIN 4768		
■ Ra	mechanical measuring system	µm	0.97
■ Rz	mechanical measuring system	µm	4.32
Hardness	DIN 53505		
■ Top layer		IRHD-micro	56
■ Total		Shore-A	79
Thickness	ISO 4593:1993	mm	1.95
Tensile strength		N/50 mm	>3100
Stretch	ISO 12636-4.2		
■ at 500 N/50 mm		%	1.0
■ at 1000 N/50 mm		%	1.38
Compressibility	ISO 12636-4.5		
■ 1st cycle		%	5.4
■ 5th cycle		%	5.9
Printing pressure			
■ at 0.10 mm impression		N/cm^2	120
■ at 0.20 mm impression		N/cm^2	224

Colour of top layer: green

Surface: finest grinding

Foil / Plastic