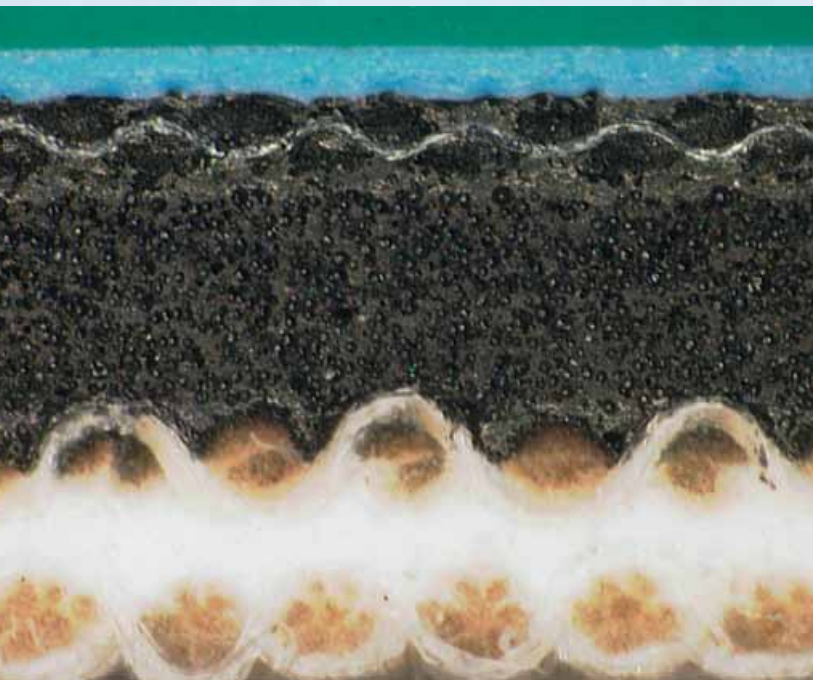


Perfect Dot® QR



Cross cut of the 3-ply Perfect Dot® QR

Perfect Dot® QR represents the further development of the well known Perfect Dot® SR.

The improved quality contains an innovative compressible layer, manufactured utilising our new **Dura-Elastic-Technology**. With this feature the running temperature of the blankets is reduced resulting in enhanced ink transfer and dot reproduction with extended lifetime of the blanket.

The finely ground surface produces an excellent printing image. The barrier layer within the double surface layer prevents the penetration of solvents and other chemicals thus reducing swelling.

Users' advantages

- True reproduction of the original copy
- Highest machine running speed
- Minimized gauge loss
- Extended lifetime
- Excellent easy clean features
- Wide range of application
- Reduced running temperature

Range of application

- In conventional sheetfed: for paper and carton
- In UV printing, DI and waterless: for carton and foil

Product data Perfect Dot® QR

Parameter	Test method	Measuring unit	typ. Value
Surface roughness			
DIN 4768			
■ Ra	mechanical measuring system	µm	0.88
■ Rz	mechanical measuring system	µm	5.2
Hardness			
DIN 53505			
■ Top layer		IRHD-micro	66
■ Total		Shore-A	81
Thickness			
ISO 4593:1993		mm	1.95
Tensile strength			N/50 mm >4000
Stretch			
ISO 12636-4.2			
■ at 500 N/50 mm		%	0.76
■ at 1000 N/50 mm		%	1.07
Compressibility			
ISO 12636-4.5			
■ 1 st cycle		%	7.0
■ 5 th cycle		%	7.6
Printing pressure			
■ at 0.10 mm impression		N/cm ²	100
■ at 0.20 mm impression		N/cm ²	180

Colour of top layer: **green**

Surface: finest grinding