

Printing Blankets Made in Germany



The No. 1 in UV offset printing

Ruby[®]
CARAT

- ▶ For all UV applications
- ▶ EPDM-Surface compound compound resistant to UV inks and aggressive washes
- ▶ Good heat resistance
- ▶ Extremely resistant compressible layer



PHOENIX *Xtra* **BLANKETS**

Ruby®CARAT is the leading product in modern offset printing and has made an excellent name for itself in more than 90 countries around the world.

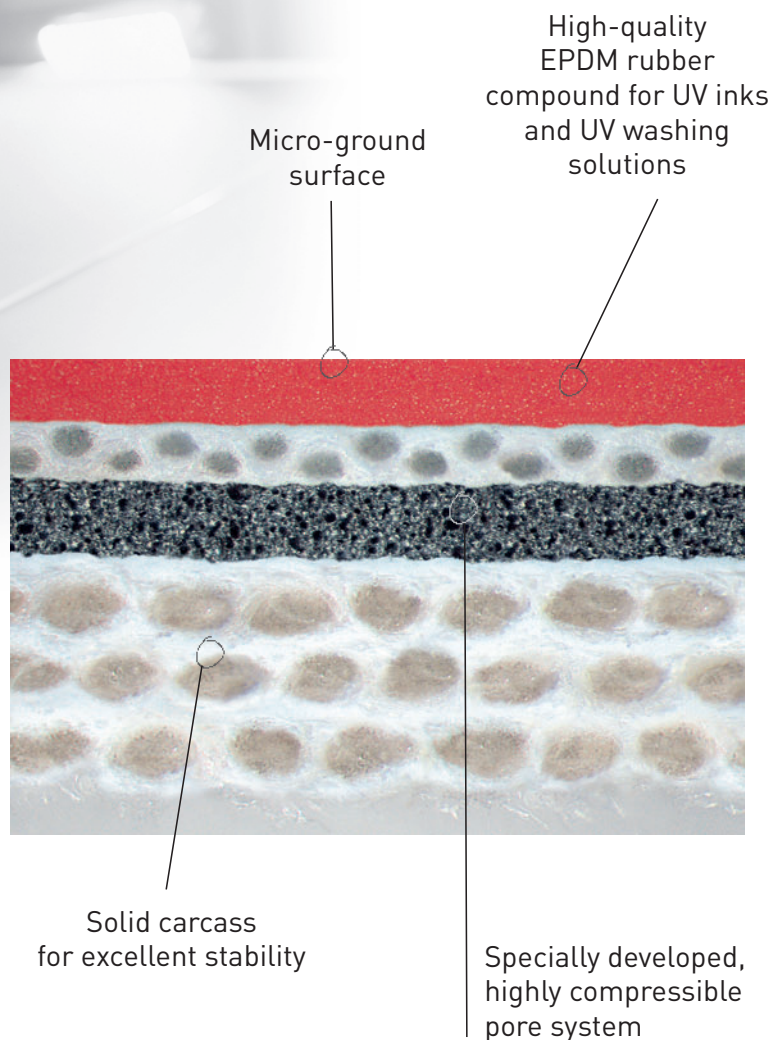
In addition to its UV-resistant surface, Ruby®CARAT is distinguished by a compressible intermediate layer that guarantees outstanding printing results and a long service life.

Technical data

Colour	RUBY red
Identification	Brown thread woven in travel direction, PHOENIX stamp with article and serial number
Thickness	Art. 327: 1.70 mm / 0.067" – 3-ply Art. 329: 1.96 mm / 0.077" – 4-ply
Elongation at 500 N/50 mm	≤ 0.9 %
Compressibility at 1350 kPa	approx. 9 %
Tensile strength	≥ 4,500 N/50 mm
Reduction in thickness due to tensioning and setting	≤ 2 %
Hardness (total)	approx. 78 Shore A
Surface rubber	approx. 55 Shore A
Roughness R _Z	6 µm
Roughness R _A	0.9 µm

Service

- Delivered on rolls, packed freely suspended
- All cut sizes available with or without bars
- With edge sealing and ink jet identification
- Worldwide sales network
- Fast service



UV applications

	highly recommended	recommended	not recommended
Sheet-fed offset (UV)			
Cartons	X		
Frequent switching of paper types	X		
Waterless printing	X		
Switching between UV and conventional inks			X
Hybrid inks		X	
Foils	X		
Metal printing	X		
Continuous printing			
UV	X		
Conventional			X

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