



# SURFACE & BARRIER SOLUTIONS

Product Overview



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PRODUCT	Description	Recommended Dosage	Solids	Food Contact	Water Resistance	Oil & Grease Resistance	Moisture & Vapor Resistance	Heatsealing	Non-contact drying	Flexo applicable
<b>BARRIERS</b>										
Cartaseal® ASM	Antislip barrier	4-8g/m <sup>2</sup>	40%	BfR/FDA	○	○	○	○	✓	✓
Cartaseal® SCR	Barrier coating for cup stock - heat sealable	8-15g/m <sup>2</sup>	50%	BfR/FDA	●●	●	○	●●	✓	✓
Cartaseal® HFU	Barrier coating for wax replacement in food packaging	2-5g/m <sup>2</sup>	34%	BfR/FDA	●	○	○	○	✓	✓
Cartaseal® Eco NTR	30% bio-based foodcontact barrier with medium resistance properties	4-15g/m <sup>2</sup>	38%	BfR/FDA	●	●	●	○	✓	✓
Cartaseal® SWF New	Barrier coating for food packaging & heatsealability. Recommended as primer for digital printnig	4-10g/m <sup>2</sup>	24%	BfR/FDA	●◀	●◀	●◀	●◀	✓	✓
Cartaseal® VWF BR	Barrier coating for food packaging	4-15g/m <sup>2</sup>	47%	BfR/FDA	●●	●	●	○	✓	✓
Cartaseal® VWAF	Barrier coating for food packaging	4-15g/m <sup>2</sup>	47%	BfR/FDA	●●	●●	●●	●●	✓	✓
<b>BINDERS</b>										
Cartacoat® B 631	High Tg binder for packaging papers	10-60parts dry	50%	BfR/FDA	○	○	○	○	✓	✓
Cartacoat® B 634	Low Tg binder for packaging papers	10-60parts dry	50%	BfR/FDA	○	○	○	○	✓	✓
Cartacoat® B 635	Low Tg binder for packaging papers	10-60parts dry	50%		○	○	○	●	✓	✓

**LEGEND**

●● Highly recommended

● Recommended

○ Not recommended

✓ Applicable

## Barriers

The multifunctional **Cartaseal®** range offers barrier solutions that can be used to protect from grease, oils, water and water vapor in both packaging and food packaging applications such as pizza boxes, sandwich wedges, fresh vegetables, fast food service and general supermarket packaging.

All **Cartaseal®** barriers are fluorine-free and comply with the food contact standards of BFR & FDA.

The new **Cartaseal® Eco** range is partly made with natural and renewable components which help to reduce the impact on climate change, eco-system, human health and resources by minimizing dependence on the oil industry.

The **Cartaseal®** range can be applied by various coating techniques such as blade, rod or curtain coater. Non-contact drying is essential to fully form the film.

## Binders

The **Cartacoat® B** range is used as a coating binder for applications that require high binder strength, improved binder strength, soda resistance, good offset performance and archival properties. **Cartacoat® B** can be added at different rates depending on the properties required. A low quantity added to the coating colour with starch will improve the print performance. Higher quantities will seal the surface giving higher water resistance.

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