



RHOBARR™ Portfolio

Barrier Coatings For Paper

RHOBARR™
paper barrier coating by 



Strong performance without the use of PFAS/Fluorocarbons*



Waterborne coatings



Designed for repulpability and recyclability



Fit with existing equipment



Broad food contact compliance

Barrier Emulsions



RHOBARR™ 110 & 135

- Oil & grease resistance with good flexibility
- Low viscosity
- R135: Oven/microwave compliant

Applications: Food bowls, sandwich wraps, popcorn bags, formed fiber

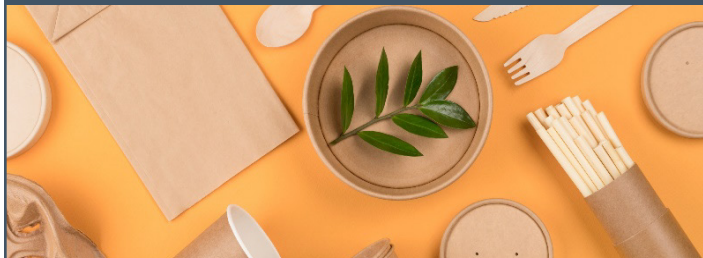


RHOBARR™ 214

- Oil & grease, fatty acid, mineral oil, solvent, and plasticizer resistances
- Excellent heat sealability
- Low viscosity
- Oven/microwave compliant
- >30% bio-renewable carbon content

Applications: Dry goods, confectionary, wraps, detergents, dryer sheet packaging, formed fiber

Barrier Dispersions



RHOBARR™ 320, 325, 325HS, 620, & 720

- Excellent water barrier, good water vapor & fatty acid resistance
- Excellent heat sealability
- Up to 50% lower coat weight**
- Low/no odor
- High solids, higher viscosity

Applications: Food bowls, sandwich wraps, popcorn bags, formed fiber



Learn more about Dow products for paper packaging

Successful coating methods for dispersions and emulsions:

- Blade
- Rod
- Curtain
- Spray
- Print techniques

*Not intentionally added

**Compared to extruded films

RHOBARR™ Barrier Coatings Product Comparison Chart

Product	Primary Application	Description	% Solids	Viscosity	Oil & Grease Barrier - Kit	Oil & Grease Barrier-Oil Breakthrough	Hot/Cold Water Barrier	Fatty Acid Barrier	Mineral Oil Barrier	Block Resistance	Heat Sealability
RHOBARR™ 110 Emulsion	Oil and grease barrier	All-acrylic emulsion	50%	250 cP	●●●●	●●●	●	●	X	●	X
RHOBARR™ 135 Emulsion	Oil and grease barrier	Styrene-Acrylic emulsion	45%	150 cP	●●	●●●●	●	●●	X	●●●	X
RHOBARR™ 214 Emulsion	Mineral oil barrier	All-acrylic emulsion	45%	21 cP	●●	●●	●	●●●●	●●●	●●	●●
RHOBARR™ 320 Barrier Dispersion	Water barrier	Aqueous dispersion	43%	<1500 cP	●●●●	●●●●	●●●●	●●●	X	●●●●	●●
RHOBARR™ 325 Barrier Dispersion	Water barrier	Aqueous dispersion	47%	<1500 cP	●●●●	●●●●	●●●●	●●●	X	●●●●	●●
RHOBARR™ 325HS Barrier Dispersion	Water barrier	Aqueous dispersion	47%	<1500 cP	●●●●	●●●●	●●●●	●●●	X	●●●●	●●●
RHOBARR™ 620 Barrier Dispersion	Heat Seal/ Hot Tack	Aqueous dispersion	54%	<1000 cP	●●●●	●●●●	●●●●	●●●	X	●●●●	●●●●
RHOBARR™ 720 Barrier Dispersion	Barrier + Printability	Aqueous dispersion	50%	<1000 cP	●●●●	●●●●	●●●●	●●●	X	●●●●	●●●●

For more information about RHOBARR™ Barrier Coatings, visit [RHOBARR™ | Dow Inc.](#)