

Bicor™ MB777 clear films

For outstanding barrier, seal and print performance

Benefits

- PVdC coating provides an outstanding balance of barrier, sealing, packaging and printing performance
- excellent flavor and aroma barrier keeps products tasting and smelling fresh
- high clarity OPP films using solvent-free, water-based coating technology
- versatile seal performance delivers humidity seal retention, fat swelling resistance and lap sealing to PVdC or acrylic surfaces



One-side PVdC-coated, one side acrylic-coated, clear films provide an excellent balance of barrier, sealing, packaging and printing performance.

Protection

- PVdC provides a flavor and aroma barrier to keep products tasting and smelling fresh, and prevents unwanted external odor or pack-to-pack contamination
- PVdC coating improves an uncoated OPP film's moisture barrier by 10-40%, depending on film thickness

Performance

- PVdC coating provides stable surface and sealing properties for excellent overwrap (OW), vertical and horizontal form fill seal (VFFS and HFFS) machine performance

Promotion

- high clarity and gloss for excellent product visibility
- lap seal capability allows pack and print design improvements (back of pack)
- PVdC is resistant to fats and prevents swelling of the OPP matrix for product applications with higher fat content (e.g. baked goods) or from aggressive offset inks from paperboard in overwrap applications



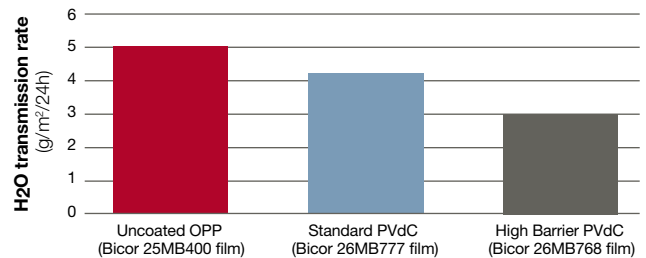
Typically the acrylic side is used for printability, while the PVdC side provides the sealing and barrier performance.

The polyvinylidene chloride (PVdC) coating provides a stable surface for reliable and constant slip, and optical and sealing properties to deliver excellent protection, promotional and performance opportunities. The outstanding odor and improved moisture barrier provided by the PVdC coating make it one of the most versatile polymers for broad flexible packaging applications including:

- biscuits and baked goods
- chocolate confectionery
- sugar confectionery (sweets and candies)
- nuts and snacks
- clear box overwrap (e.g., perfume, cosmetic, tobacco)
- other clear modified atmospheric packaging (MAP) or non-MAP applications



Moisture barrier performance through coating

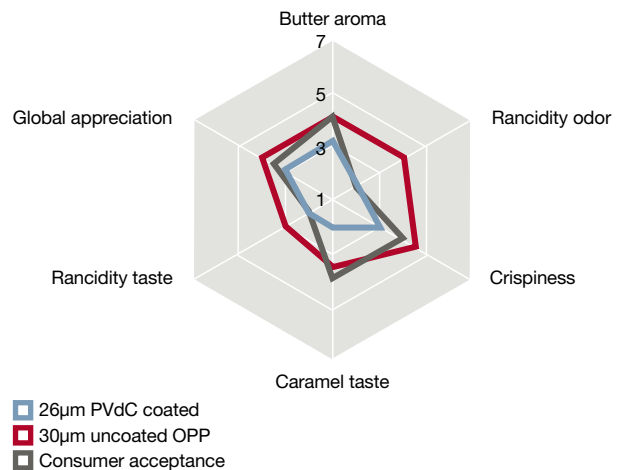


Moisture barrier through coating

Moisture barrier may be improved by coatings. While maintaining transparency, film water vapor barrier may be increased with PVdC coating. High barrier PVdC coating can be found on Bicor™ MB768 film type.

Jindal Films data

Butter biscuits sensory analysis



Increased shelf-life with PVdC coated barrier film

After six months of storage at 20°C and 50% relative humidity (RH), these butter biscuits are no longer acceptable to a consumer if they are wrapped in regular coex OPP film, whereas a barrier film keeps them crisp and tasty.

Jindal Films data

Count on Jindal Films

The Films Business of Jindal Films is a leading global OPP film supplier with the broadest range of aqueous coated film solutions for the flexible packaging market. If you're looking to develop innovative flexible packaging solutions, try Bicor films from Jindal Films.

Contact your Jindal Films representative for more information

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