

## ∴ 30, 40 & 50MB344US films

Provide breakthrough heat-seal performance using new **ULTRASEAL OPP** clear film technology to deliver mono-material PP-rich solutions

### Features

- BOPP-based sealable films with great clarity
- High stiffness, flex-crack and puncture resistance, compared to cast PP and blown PE films
- Very high seal strengths for improved product shelf life and distribution
- Outstanding sealing for high packaging speeds
- Low and stable slip properties
- Lap sealable to various OPP films



Bicor™ laminate 20MB400//16AO893//40MB344US

### Benefits

**BICOR™ 30, 40 & 50MB344US** clear OPP films deliver outstanding mechanical properties with unique sealing features for products requiring enhanced product protection with a mono-material approach for “recycle-ready” considerations.

#### PROTECTION

- High seal strength (3,000g/25mm or 18N/15mm) ensures robust product protection through the distribution chain
- Good puncture and moisture barrier inherent of BOPP process

#### PERFORMANCE

- Robust performance in multiple packaging formats, especially flat sachets, pouches and SUP (doypacks) for dry product applications
- High seal strength allows more versatile use of OPP in terms of product content weight and pack sizes

#### PROMOTION

- High clarity for see-through applications
- High stiffness for sealant film downgauging opportunities in particular for SUP/ pouch formats
- Easy opening (low force tear propagation) from a notch, compared to cast PP- or blown PE-based barrier laminates

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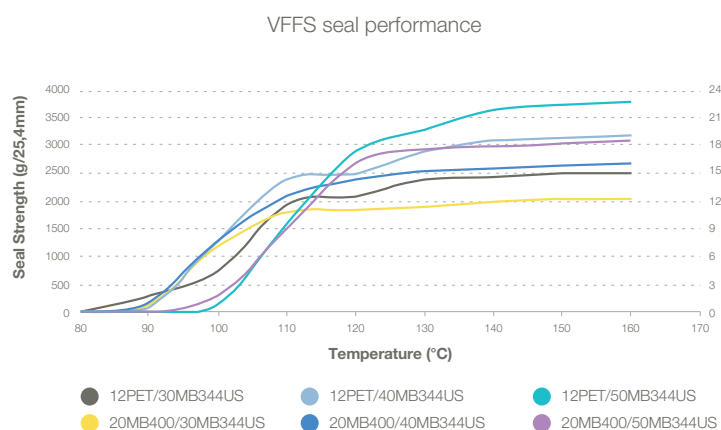
Bicor™ 30, 40 & 50MB344US are biaxially oriented polypropylene (OPP) films featuring Jindal Films' proprietary "ULTRA SEAL" coextrusion technology (US). They deliver unique seal performance for customers requiring higher seal strengths than currently achievable with standard OPP films or as replacements of cast PP or blown PE sealant films. This innovative new film technology can help customers improve product shelf life, while enhancing shelf appeal and product distribution. Most importantly, however, they provide downgauging opportunities of the sealant layer film required for these applications.

MB344US grades offer a good balance of optical, moisture barrier, slip and mechanical properties for use in lamination with paper, PET or OPP films, or as a single web. The sealing layers are designed to provide high seal strength and improved seal integrity compared to most other OPP film technologies.

Bicor™ grades MB344US are mostly suitable for:

- applications requiring higher seal strengths
- higher speed packaging lines
- flat sachets and pouches as well as SUP formats
- HFFS and VFFS formats
- packs which require easy opening from a notch
- most dry foods and dry beverages
- laminations to paper or PET outer webs when stiffness or heat resistance is critical
- lamination to OPP when a mono-material laminate is considered (design for "recycle ready")

### VFFS PACKAGING SEAL CURVE



### VFFS seal performance with Ultra Seal OPP film technology

VFFS running at 50ppm. 300ms dwell time. Fins seal set at 140C. Outstanding seal strength values can be achieved with Bicor™ MB344US OPP films, providing lighter weight sealants when replacing thicker blown PE or cast PP films. Easy opening can be achieved from a notch with low tear propagation force.

Jindal Films data



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Contact your Jindal Films representative for more information

[www.jindalfilms.com](http://www.jindalfilms.com)

[info@jindalfilms.com](mailto:info@jindalfilms.com)

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