



## **Improve high-altitude package performance with breakthrough OPP sealant technology**

Innovative sealant technology from Jindal Films minimizes the risks associated with transporting modified atmosphere packaging “over the mountain” (OTM) from manufacturing to retail, by protecting against the effects of pressure differentials that are inherent to cross-country trucking routes.

### **Prevent costly losses**

Traditional OPP seals are vulnerable to both bursting and leakage as trucks travel over high-elevation geographies, causing significant losses in saleable product.

- **Eliminate burst packages**

Seals available with Jindal Films’ enhanced sealant technology are quantifiably stronger, helping withstand atmospheric pressure changes without bursting.

- **Eliminate deflated packages**

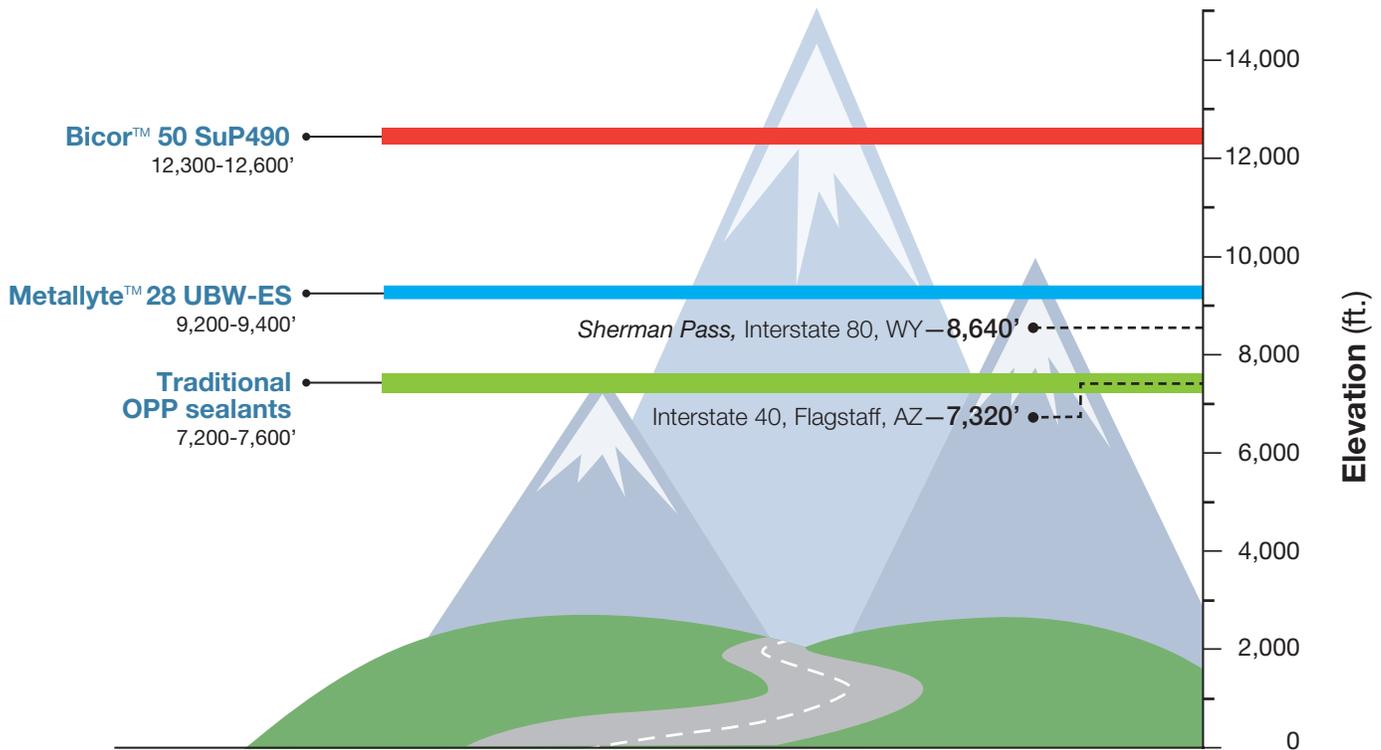
Jindal Films’ breakthrough OPP sealant technology also delivers improved seal integrity, maintaining both barrier and gas flush more effectively than competitive packaging solutions and minimizing the leakage that results in deflated, unsaleable product.

### **Expand market reach**

Eliminating risks in OTM ground transportation also means food manufacturers can expand geographic distribution with confidence, as well as strengthen retailer relationships. Product arrives at its destination with first day freshness, and with no loss of shelf life caused by its high-elevation journey.

# Maintain airfill at higher elevations

## Maximum elevation ranges where acceptable package volume is maintained



The chart above presents lab testing on Jindal Films' "over the mountain" (OTM) packaging technology.

- VFFS packages are tested in a vacuum chamber to simulate the atmospheric pressure experienced by the packages as they are transported OTM.
- Internal package pressure is monitored to detect leaks in package seals or impending seal failure (creep/burst). The vacuum level at which the package can maintain the highest increased pressure is considered its maximum elevation exposure.

OTM transport results can be greatly influenced by a number of factors, including initial package pillow height (amount of atmosphere in package), packaging machine set-up, and operation and film selection. Optimum OTM performance can be achieved when all parameters are considered and executed appropriately.

**Prevent costly losses and expand market reach with breakthrough OTM OPP sealant technology, available exclusively from Jindal Films, the industry leader in flexible packaging solutions.**

### Count on Jindal Films

Jindal Films is a leading global OPP film supplier with the broadest range of aqueous coated film solutions for the flexible packaging market.

Contact us for more information and details:

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