

## Metallyte™ 35MU842 film

Provides exceptional product protection with ultra-high barrier (UHB) for cold seal or heat seal packaging formats

### Benefits

- excellent protection keeping products tasting & feeling fresh due to exceptional gas, moisture, flavor and aroma barriers
- great stiffness for better shelf display
- outstanding printed aspect when exposing the glossy treated white side
- no shop-worn pack appearance with crease-free aspect using medium density cavitated film
- enhance pack appearance with a white-look, either from the product or from the print side of the pack by hiding the metal aspect



**Metallyte™ MU842 delivers exceptional protection for products requiring long shelf life with optimal shelf appearance.**

#### Protection

- provides outstanding moisture, gas and aroma barriers
- excellent light barrier or opacity due to high optical density and a cavitated base film

#### Performance

- allows replacement of laminates and removal of 1 or 2 layers of white inks in some print designs
- versatile use for HFFS, VFFS and flat formats, in either cold seal or heat seal (in lamination) applications

#### Promotion

- crease-resistant film for less shop-worn packs due to medium density cavitation
- high gloss, metal brilliance and film stiffness provide good brand visibility on the store shelf
- glossy white aspect which can be used either towards print or product side



Metallyte™ MU842 is a biaxially oriented polypropylene (OPP) film featuring Jindal Films' proprietary ultra high barrier technology (UHB) delivering exceptional barrier levels, for customers requiring improved product protection. This unique barrier film vacuum metallized on one side and treated for a further converting operation on the opposite side helps customers improve their product shelf life and enhance product distribution.

MU842 offers a good balance of properties, enabling customers to benefit from packaging weight reduction while delivering outstanding shelf appearance with less shop-worn or creased packs. The ultra high barrier metallization offers "best in class" barrier levels to meet or extend most dry product shelf-life for laminations with OPP, PET or PE films. MU842 can be used to pack sensitive products requiring excellent gas, moisture, flavor and aroma protection.

Metallyte™ MU842 is suitable for:

- cold seal applications in lamination or as a single web
- heat seal applications when laminated to a sealant web and optionally a print web
- HFFS, VFFS, flat pouch or sachet packaging formats
- various sensitive dry foods and dry beverages which typically use Aluminum foil for barrier
- snacks, sweet & savory biscuits, sensitive confectioneries, snack bars and baked goods
- applications requiring excellent protection including home & personal care (HPC) and health & beauty aids (HBA) products
- two-side processible applications with either side of the film able to receive lamination adhesives, cold seals or printing inks.

## Count on Jindal Films

Jindal Films is a leading global OPP films supplier with the broadest range of metallized films for the flexible packaging market. If you're looking to develop innovative flexible packaging solutions, try Metallyte™ films from Jindal Films.

**Contact your Jindal Films representative for more information**

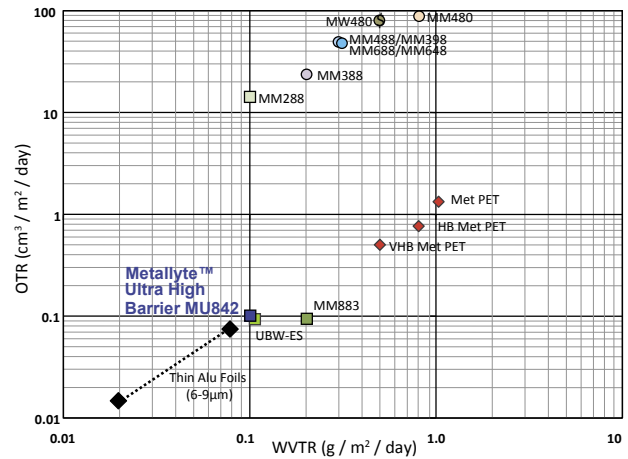
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# Jindal Films

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## Metallized Films Barrier Map: WVTR vs. OTR



Note: Typical measured values on flat sheet indicated on logarithmic scale  
Conditions: WVTR at 38°C and 90%RH; OTR at 23°C and 0%RH  
Source: Jindal Films – OPP grades from JFE, PET from datasheets

Jindal Films data

