

## **Metallyte™ 12MM281 adhesive laminatable OPP film offers excellent barrier properties for foil and MPET replacement**

Jindal Films' Metallyte™ 12MM281 film is a high barrier one-side metallized, one-side treated oriented polypropylene (OPP) film. It is designed for use as the center web of a triplex adhesive lamination or the inside web of a cold seal adhesive lamination. The treated surface offers excellent compatibility with laminating adhesives and cold seal cohesives.

This lightweight film offers economic benefits and barrier properties that make it well suited for aluminum foil and metallized polyester (MPET) replacement.

Lightweight Metallyte 12MM281 film provides for excellent adhesive lamination bond strength. The result is a strong, flexible laminated structure that offers an effective barrier to moisture, oxygen and light. It also delivers cost-effective puncture and flex crack resistance throughout the chain of use, helping products stay fresh.

### **Cost-effective aluminum foil replacement**

The moisture, light and oxygen barrier properties of Metallyte 12MM281 film make it an ideal replacement for aluminum foil packaging. Metallyte 12MM281 film is 30 percent lighter than a 6.35 micron aluminum foil, and provides better puncture and flex crack resistance.



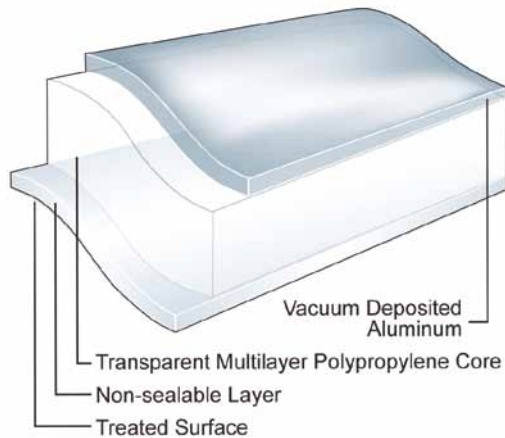
### **Benefits**

- **outstanding moisture barrier**
- **effective oxygen and light barrier**
- **excellent cold seal adhesion**
- **outstanding adhesive lamination bond strength**
- **excellent metal adhesion and appearance**



## Better moisture barrier than MPET

Compared to 12 micron MPET, Metallyte 12MM281 film delivers a 46 percent yield improvement. The film offers a moisture barrier that is up to ten times better than MPET. This water vapor transmission rate improvement results in less potential for product clumping in the package.



## Metallyte™ 12MM281 film

Metallyte 12MM281 film is well suited for pouches, pre-made bags, and horizontal form fill seal (HFFS) and vertical form fill seal (VFFS) packaging used for a range of products including:

- dry foods and beverage powders
- bakery, biscuits, cookies, crackers
- confectionery
- chip, crisps and snacks
- pet food



Metallyte 12MM281 film delivered a 46% yield improvement over metallized polyester for Fresh Brew Group of Houston

Contact your Jindal Films representative for more information

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

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