

⋮ 28MH388ES & 28UBWES films

Provide white sealant film solutions with exceptional seal strength and very high barrier for various packaging formats in lamination

○ Features

- Great moisture barrier keeps products tasting & feeling fresh
- Good (MH388ES) or outstanding (UBWES) gas barrier properties for O₂ sensitive products
- Very high seal strengths for improved product shelf life and distribution
- Outstanding packaging performance for high packaging speeds
- White-look from the product or inner side of the pack to hide metal appearance
- No shop-worn pack appearance with crease-free aspect using medium density cavitated film



Benefits

Metallyte™ 28MH388ES and 28UBWES films deliver outstanding barrier properties with unique sealing features for products requiring enhanced product protection.

PROTECTION

- Provides outstanding moisture barrier (WVTR 0.1) with tight seals
- High seal strength ensures robust product protection through the distribution chain

PERFORMANCE

- Robust performance in multiple packaging formats, especially for flat sachets & pouches
- High seal strength allows more versatile use of OPP in terms of product content weight & pack sizes

PROMOTION

- High gloss, metal brilliance and film stiffness provide good brand visibility on the store shelf
- Crease-resistant film for less shop-worn packs with white inner look towards the product side
- Easy opening (tear) compared to cast PP or blown PE based barrier laminates

28MH388ES & 28UBWES films

Metallyte™ 28MH388ES is a biaxially oriented polypropylene (OPP) film featuring Jindal Films' proprietary "Enhanced Sealant" coextrusion technology (ES) delivering very high barrier, for customers requiring higher seal strengths than currently achievable with standard metallized OPP films. This innovative film helps customers improve their product shelf life and enhance product distribution. MH388ES can be used to pack sensitive products requiring excellent moisture protection and yet still outperform most structures in terms of line speed and efficiencies. Metallyte™ UBWES has similar design to MH388ES but with a very high Oxygen barrier technology for oxygen sensitive products.

MH388ES and UBWES offer 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 very high barrier metallization offers moisture and gas barriers to meet or extend most dry products shelf-life in lamination with Paper, PET or OPP films.

Metallyte™ MH388ES & UBWES are suitable for:

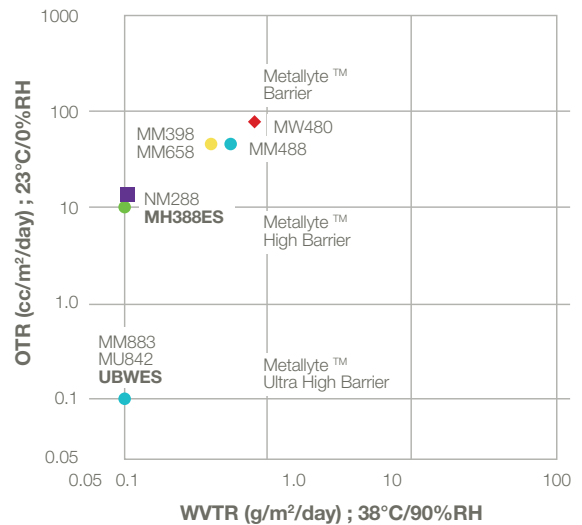
- high speed packaging lines
- HFFS, flat sachets and pouch formats
- VFFS where slip properties are not critical various dry foods and dry beverages
- salty snacks, snacks bars and crackers where seal integrity is important
- sweet or savory biscuits and baked goods
- any application requiring higher seal strengths
- adhesive laminations to Paper, PET or OPP based outer webs
- lap sealing (A/B) with standard OPP sealant films

Contact your Jindal Films representative for more information

www.jindalfilms.com

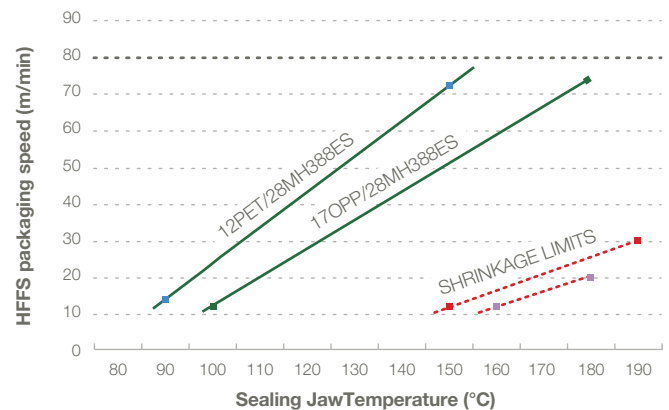
info@jindalfilms.com

WVTR VS. OTR



Jindal Films data

HFFS PACKAGING LINE ASSESSMENT



- + 12PET/28MH388ES
- 17OPP/28MH388ES
- Shrinkage limit with PET
- Shrinkage limit with OPP

Laboratory test conditions

Jaguar Record HFFS machine with optimum adjustments. Crimp jaws in transversal directions. Minimum Seal temperature (MST) required to achieve >250g/25mm with cut off length of 200mm.

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