



# plecopak™

High Barrier Films



# HIGH BARRIER RIGID FILMS

Mylan Group offers the co-extruded plecopak™ High Barrier Films for food and pharmaceutical packaging. The structure of plecopak™ High Barrier Films is PP/Tie/EVOH/Tie/PP with different thickness depending on the applications. Polypropylene (PP) provides an excellent water vapor barrier; good stiffness at low density for high yields; and excellent chemical, stress crack and high temperature resistance. EVOH (ethylene-vinyl alcohol copolymer) material provides outstanding gas barrier properties while retaining good process ability. The excellent gas properties of EVOH keep oxygen out and retain nitrogen and carbon dioxide used in modified atmosphere packaging (MAP). EVOH also has a very high resistance to oil, preventing loss of flavor and aroma.

## Product Information

<b>Structure</b>	PP/Tie/EVOH/Tie/PP
<b>Thickness (um)</b>	400, 450, 500, 600, 700, 800, 1000, 1200
<b>Appearance</b>	Nature (Opaque) & White
<b>Form</b>	Semi & Rigid films
<b>Width (mm)</b>	1300

## Advantages

- Excellent oxygen, moisture, carbon dioxide, nitrogen barrier
- Low gas, aroma and water vapor permeability for product preservation
- Suitable for temperatures between 5°C and 125°C
- Shelf life of 12 to 24 months, depending on the use
- Suitable for retort & microwave heating
- Easy process ability and faster cycling
- Very good dimensional stability
- High resistance to oil and organic solvent
- High impact resistance and mechanical strength
- Saves costs and preserves resources

## Application

Thermoforming packaging as tray, cup, dish, bowl, blister tray for

- Ready-to-eat food: cooked meals, processed food, soups, fruit, vegetables...
- Ready to cook: fresh meat, poultry, seafood, tuna, steak...
- Dry food, coffee bean...
- Health care product, non-food product...

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