

# Mono PP High Performance

Bottom and Lid Films



halogen-free  
blister film





## Mono PP High Performance

### Bottom and Lid Films

The extension of our range to include a halogen-free solution for pharmaceutical blister applications is the result of our cooperation with Etimex Primary Packaging GmbH and offers a barrier film made of polypropylene (PP).

This product addresses sustainability requirements in a great way and also offers very good machinability, thermoforming and sealing properties.

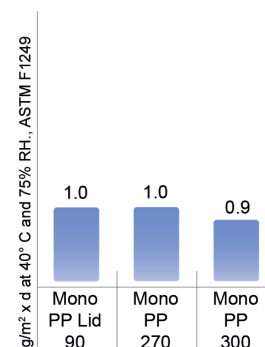
Mono PP High Performance is also available as a combination of lid and bottom films. These two films are technically precisely matched to each other to ensure optimal processing.

### Benefits and Properties

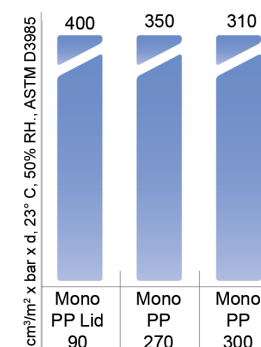
- produced according to GMP standards
- very good machinability on standard thermoforming machines equipped for polypropylene processing
- Water Vapour Transmission Rate almost equivalent to PVdC 40 g/m<sup>2</sup>
- higher yield per unit, due to lower density compared with PVC
- very good thermoforming properties for bottom films at 135° - 150°C
- very good sealing properties between bottom & lid films at 120° - 140° C
- very good push-through properties

### Water Vapour & Oxygen Transmission Rate

#### Water Vapour Transmission Rate



#### Oxygen Transmission Rate



#### Cross-Section



PP (polypropylene)

#### Range of PP High Performance films

Bottom: 270 µm, 300 µm  
Lid: 90 µm

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## Companies of Perlen Packaging

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Perlen Packaging AG, Perlen  
Switzerland



Perlen Packaging GmbH, Müllheim  
Germany



Perlen Packaging LLC, Whippany  
USA



Perlen Packaging (Suzhou) Co., Ltd.  
China



Perlen Packaging Anápolis Ltda  
Brazil

[perlenpackaging.com](http://perlenpackaging.com)  
[info@perlenpackaging.com](mailto:info@perlenpackaging.com)