



**PACKAGING FILM**  
**BOPP**

# High-end film for a better world

How packaging film contributes to global megatrends

## Urbanisation

## Safety

## Digitalisation

## Globalisation

## Mobility

## Health

## Environmental protection



Population growth, urbanisation  
and rising demands around the world



## Urbanisation

- Low carbon footprint with most flexible, lightweight & efficient packaging solution worldwide
- Increasing number of people demanding more efficient and timesaving ways of convenient food products



## Health

- Ideal packaging solution for worldwide rising food & hygiene standards
- Improvement of shelf life



## Safety

- Original packaging & first use



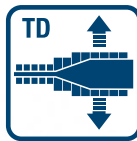
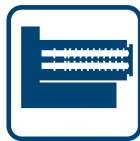
# BOPP film

Typical in 3, 4 or 5 layer configuration

Sequential



**Mono material**  
**"Ready for recycling"**



For the production of high barrier PP films an inline coater is recommended (grey icon)



## Line types

|                                     |           |              |              |              |              |
|-------------------------------------|-----------|--------------|--------------|--------------|--------------|
| Working width                       | [m]       | 6.6          | 8.7          | 10.4         | 12.0         |
| Thickness range                     | [µm]      | 12-60        | 12-80        | 12-80        | upon request |
| Production speed                    | [m/min]   | up to 450    | up to 700    | up to 700    |              |
| Annual output<br>(based on 8,000 h) | [tpa]     | up to 27,000 | up to 56,500 | up to 67,500 |              |
| Building dimensions                 | [m] l x w | 120 x 22     | 150 x 26     | 170 x 30     |              |

# Fastest, widest and most efficient production line in the world

Most in requested packaging film



## Benefits



**Downgauging**  
less material required



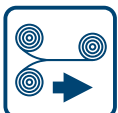
**Superior mechanics**  
tensile strength, elongation, e-modulus



**Excellent barrier**  
oxygen & water vapour barrier,  
gas transmission



**Perfect optics**  
high gloss, low haze,  
optional matt surface



**High quality converting**  
Smooth surface, high tension



**Excellent recyclability**  
PP monomaterial solutions



**STRETCHING THE LIMITS**