

# QMS

## Gloss Voided Metallised Film

### Applications

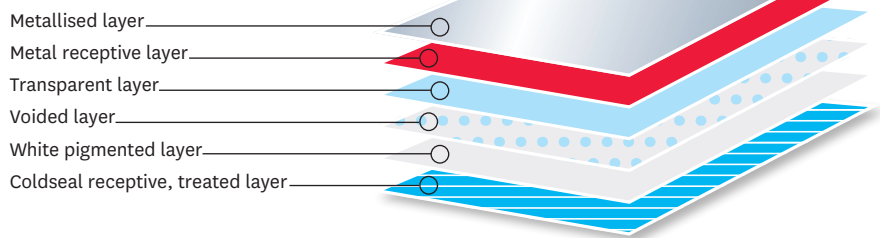
Designed to be used in ultra high barrier laminates and for coldseal applications.

### Description

QMS is a 5 layer, high gloss, white metallised opaque OPP film with ultra high barrier properties and enhanced stiffness. It has been tailored to produce a higher yield film than standard and to provide an improved balance of yield and physical properties.

### Product features

- Metallised exterior and high quality clean white interior
- Designed for coldseal applications
- Ultra high barrier properties
- Balanced yield vs. physical properties
- Good presentation of graphics and good crease resistance for shelf appeal



## Technical Data (Typical Value)

Properties	QMS 35	Unit	Measuring method
<b>Unit weight</b>	23.5	g/m <sup>2</sup>	ISO 4591
<b>Average yield</b>	42.6	m <sup>2</sup> /kg	ISO 4591
<b>Optical density</b>	3.0	-	Densitometer
<b>Breaking load</b>			
Machine direction	35	N/15 mm	ISO 527
Transverse direction	75	N/15 mm	ISO 527
<b>Elongation at break</b>			
Machine direction	160	%	ISO 527
Transverse direction	45	%	ISO 527
<b>Water vapour permeability</b>			
23°C / 85% r.h.	0.02	g/m <sup>2</sup> /d	ASTM F 1249
38°C / 90% r.h.	0.10	g/m <sup>2</sup> /d	ASTM F 1249
<b>Oxygen permeability</b>			
23°C / 50% r.h.	10	cm <sup>3</sup> /m <sup>2</sup> /d/atm	ASTM D 3985

**ADDITIONAL INFORMATION** In order to achieve good ink adhesion on the metallised surface, we strongly recommend the use of a primer in line in the conversion operation.

## Availability

Dimensions	QMS 35	Unit
<b>Reel length</b>		
Standard length (6-times)	10 800	m
<b>Max. reel outside diameter</b>		
Core diameter 152 mm	720	mm

Max. reel width: 2000 mm (widths > 2000 mm on request)

### Storage

The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties. All films should be allowed to reach operation room temperature for 24 hours before use. Convertability is confirmed within 3 months after production.

### Food Approval

Treofan QMS is in compliance with current US FDA and European food contact regulation.

### Health and Safety

Treofan QMS has specially been developed for packing foods and meets the specific requirements on health and safety.