

QFM Gloss Voided Metallised Film

Applications

Ultra wide sealing range for very high speed HFFS packaging lines. It is designed for heatseal applications.

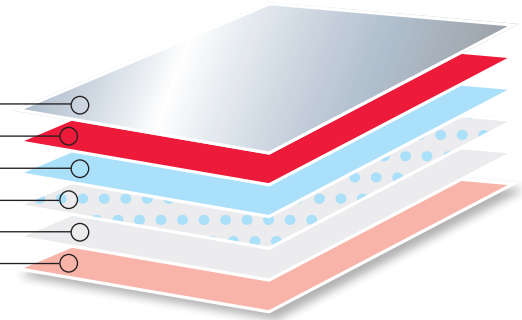
Description

QFM is a 5 layer, high gloss, voided metallised OPP film with medium barrier properties. Specially designed for high speed horizontal packaging applications where medium barrier properties are required. It has been tailored to produce a higher yield film than standard, to provide an improved balance of yield and physical properties.

Product features

- Metallised exterior and high quality clean white interior
- Designed for high speed heatseal applications (SIT 85°C)
- Excellent hot tack
- Good barrier properties
- Balanced yield vs. physical properties
- Good crease resistance for shelf appeal
- Suitable for coldseal applications

- Metal layer
- Metal receptive layer
- Transparent layer
- Voided layer
- White OPP layer
- Low temperature heat sealable layer



Technical Data (Typical Value)

Properties	QFM 35	Unit	Measuring method
Unit weight	23.5	g/m ²	ISO 4591
Average yield	42.6	m ² /kg	ISO 4591
Heatseal strength	1.0	N/15 mm	Treofan
Heatseal range	85-140	°C	Treofan
Optical density	3.0	-	Densitometer
Breaking load			
Machine direction	35	N/15 mm	ISO 527
Transverse direction	75	N/15 mm	ISO 527
Elongation at break			
Machine direction	160	%	ISO 527
Transverse direction	45	%	ISO 527
Water vapour permeability			
23°C / 85% r.h.	0.10	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	0.40	g/m ² /d	ASTM F 1249
Oxygen permeability			
23°C / 50% r.h.	50	cm ³ /m ² /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	QFM 35	Unit
Reel length		
Standard length (6-times)	10 800	m
Max. reel outside diameter		
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 QFM is in compliance with current US FDA and European food contact regulation.

Health and Safety

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