

QFM

Gloss Voided Metallised Film

Applications

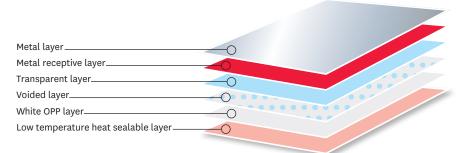
Ultra wide sealing range for very high speed HFFS packaging lines. It is designed for heatseal applications.

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
- \cdot Suitable for coldseal 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.



Technical Data (Typical Value)

Properties	QFM 35	Unit	Measuring method
Unit weight	23.5	g/m ²	ISO 4591
Average yield	42.6	m²/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	9/0	ISO 527
Water vapour permeability			
23°C / 85% r.h.	0.10	g/m²/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	cm³/m²/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

rivariability			
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.

The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. The data collected in this document is for non-binding information purposes only. The exact quality of the products is detailed in the technical specifications which are sent together with the order confirmation. Any existing commercial rights or patents must be observed. Certified according to DIN EN ISO 9001, DIN EN ISO 50001, BRC IOP, AIB. Compliance with industrial health and safety standards. Treofan OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.

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