

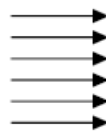
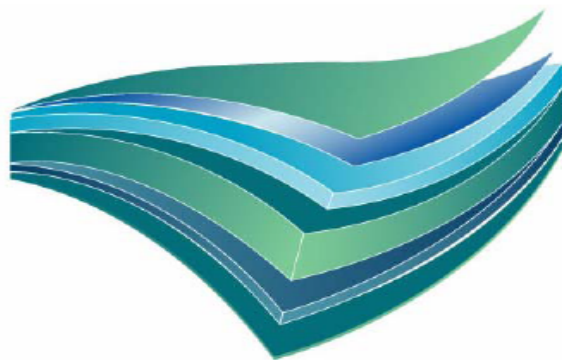


8708 W. Little York Road – Suite 170 Houston TX 77040 USA
 281-416-4449 Office or contact us info@impexglobalfilms.com

TECHNICAL DATA SHEET

MVS

White, Voided, Co-Extruded Metallized Sealable BoPP Film



Vacuum deposited aluminium layer
 Metal receptive layer corona treated
 Intermediate layer
 White voided core
 White intermediate layer
 Heat sealable layer

PROPERTIES

- ◆ One side sealable
- ◆ Aesthetic metallic appearance
- ◆ Good yield with good mechanical properties
- ◆ Metallized surface receptive to adhesives

TYPICAL APPLICATIONS

- ◆ Label application
- ◆ Lamination

FOOD CONTACT

MVS fully meets the overall migration requirements of EC Directive 2002/72/EC and USA FDA CFR21 sect.177.1520, and is therefore suitable for direct food contact.

It is not recommended that the metallised surface is used in direct food contact.

ROLL SIZE AVAILABILITY

Availability	Standard Length (m)	4x (m)	6x (m)	8x (m)
MVS 38	1,650	6,600	9,900	13,200
Outside diameter - core 76 mm	305 mm	588 mm	716 mm	825 mm
Outside diameter - core 152 mm	337 mm	605 mm	730 mm	838 mm

Properties		Unit	Measuring method	MVS 38
Nominal thickness				38
Weight per unit area		g / m^2	ISO4591	27.7
Yield		m^2 / kg		36.0
Coefficient of Friction, (dynamic) film to film (untreated/untreated)			ISO 8295	< 0.3
Breaking Load	MD	$N / 15 mm$	DIN EN ISO 527-1/-3	35
	TD			65
Elongation at Break	MD	%	DIN EN ISO 527-1/-3	140
	TD			50
Optical Density			Macbeth	2.5
Shrinkage	MD	%	ASTM D 1204 120°C / 5min	3
	TD			1
Sealing Range		°C		115 - 140
WVTR 38°C 90% r. h.		$g/m^2/d$	ASTM 1249	< 0.8
OTR 23°C 0% r. h.		$cm^3 / m^2 \cdot d \cdot bar$	ASTM 3985	< 60

PRE-TREATMENT INDICATION

Standard MVS will be supplied with the metallised side wound outside.

STORAGE, HANDLING AND APPLICATION RECOMENDATIONS

All Ti films should be stored in a dry environment at a temperature under 30° C.

If properly stored, the film will maintain consistent performance over a period of up to 6 months from the date of production and should be converted prior to this time. A prolonged period of storage may cause problems of thickness profile and blocking on account of the elastic memory of thermoplastic film.

It is a fact that polypropylene films age with time and will exhibit deterioration in the wetting tension levels. For this reason it is recommended that film stocks are evaluated for ink adhesion prior to printing and if necessary retreated prior to conversion to ensure optimal adhesion of inks and adhesives. It is also advisable to allow the film to reach room temperature at least 24 hours prior to use.

MD Machine direction

TD Transverse direction

NOTE:



The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. **IMPEX GLOBAL FILMS** does not claim and responsibility of the product for any particular purpose.