

BARRIER TECHNOLOGY

FEATURES

METALIZED

- In addition to high barrier level, films have outstanding seal performance in terms of seal strength, hot-tack and seal integrity ¹
- Outstanding oxygen barrier
- Remarkable performance on HFFS & VFFS machines
- Excellent seal integrity in presence of contaminants and humidity ²
- Outstanding moisture & light barrier
- Good treatment retention & metal adhesion
- Outstanding metal bond strength

MICRONS AVAILABLE

12, 15, 18, 20, 25 & 30μ

TRANSPARENT

- Excellent barrier properties
- Exceptional flavour and aroma barrier
- Solvent free coating
- Excellent dimensional stability and stiffness

MICRONS AVAILABLE

12 & 20

APPLICATIONS

Food & personal care packaging

¹ Available in selected grades - MSOB3, MHSOB3 & MPHOB3

² Available in selected grades - MHSOB3 & MPHOB3

NOTE:

Food packaging includes biscuits, wafers, traditional namkeens, chocolates, candies, bakery products, ice cream, cereals packaging, spices etc.

Personal care packaging includes soap wrapping, shampoo sachets & cosmetics carton overwrapping.

BARRIER TECHNOLOGY

TECHNICAL SPECIFICATIONS

FILM CODE	TYPE	USP
SL6	Metalized Non Sealable	Can replace Al foil in certain applications
MSOB3 ¹	Metalized Sealable	Alternative to Al foil & sealable BOPP in certain applications
MHSOB3 ^{1,2}	Metalized Sealable	Alternative to structure of Al foil & PE in certain applications
MPHSOB3 ^{1,2}	Metalized Cavitated Sealable	Yield advantage, alternative to structure of Al foil & PE in certain applications
TCBTIOB4 ³	Transparent Sealable BOPP	Chlorine free coated product suitable for "SEE THROUGH PACKAGING"
TCPTIOB4 ³	Transparent Non sealable PET	Can replace PVdC coated in certain applications

FILM CODE	MICRONS AVAILABLE	DENSITY gm/cc	SIT °C	HSS gm/25mm	WVTR gm/sqm/24hr	OTR cc/sqm/24hr
SL6	15 & 18	0.91	NA	NA	≤ 0.2	≤ 0.2
MSOB3 ¹	15 & 18	0.91	115	300	≤ 0.2	≤ 0.2
MHSOB3 ^{1,2}	25	0.91	100	1200-1400	≤ 0.3	≤ 0.5
MPHSOB3 ^{1,2}	30	0.75	95	900-1100	≤ 0.2	≤ 0.2
TCBTIOB4 ³	20	0.91	115	300	7	18
TCPTIOB4 ³	12	1.4	NA	NA	40	0.5

¹ Outstanding seal performance in terms of seal strength, hot-tack and seal integrity ¹

² Excellent seal integrity in presence of contaminants and humidity

³ Chlorine Free

MAXIMUS

**PACKAGING
FILMS**

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