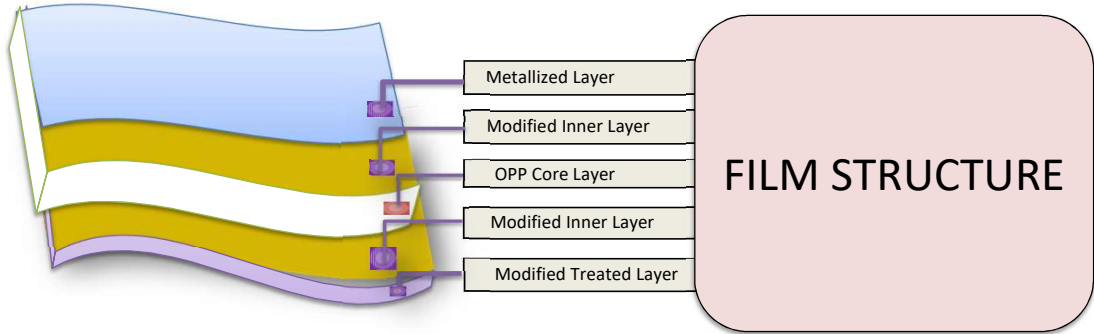



S2-MD3 : Both side treated Non Heat Sealable Outstanding Oxygen Barrier Metallized BOPP Film and Non Metallized side is modified for Sandwich adhesive as well as Extrusion Lamination, As a replacement of Aluminium foil in certain applications or metallized polyester.



The big salient feature of SGF BOPP S2-MD3 film



Extended shelf life for food products




Excellent metal adhesion & treatment retention



Outstanding Oxygen barrier



Good process ability



Good Mechanical properties

KEY FEATURES:

- * Outstanding Oxygen barrier.
- * Outstanding Moisture & Light barrier.
- * Good treatment retention & metal adhesion.
- * Metal Crack resistance during extrusion lamination.
- * Easy convertibility on both sides for adhesive as well as extrusion sandwich lamination.
- * Excellent runnability on HFFS & VFFS machines.
- * Extended shelf life for food products.

APPLICATIONS:

Sandwich lamination in triplex structures as replacement if Aluminium foil/metallized polyester.

- * Pouch/Sachet laminates.
- * Health and beauty care.
- * House hold and detergents.
- * Dry foods and beverage powders.
- * Crisps and snacks

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA	
THICKNESS		Internal	Micron	15	18
			(Gauge)	60	72
FILM DENSITY		D-1505	gm/cc	0.91	0.91
GRAMMAGE		Internal	gm/m ²	13.65	16.38
YIELD		Internal	m ² /kg	73.3	61.1
TREATMENT LEVEL		D-2578	dy/cm	38	
OPTICAL DENSITY (BY TOBIAS)		Internal	-	2.2	
COEFF OF FRICTION	Dynamic	Internal	-	0.30 - 0.45	
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm ²	1200	
	TD*			2600	
ELONGATION AT BREAK	MD*	D-882	%	150 - 200	
	TD*			40 - 60	
LINEAR SHRINKAGE (at 120°C/5 mins)	MD*	D-1204	%	< 5.0	
	TD*			< 3.0	
WATER VAPOUR TRANSMISSION RATE (38° C & 90% RH)		F-1249	gm/m ² /day	0.2	
OXYGEN TRANSMISSION RATE (23° C & 0%RH)		D-3985	cc/m ² /day	60	

Note: MD – Machine Direction, TD – Transverse Direction

STORAGE & HANDLING

SGFBOPPTM does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at anperating environment for 24 hours before processing.SGFBOPPTM is best suitable for use within 3 months from date of dispatch.

DISCLAIMER

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects.SGF provides no warranty and accepts no liability for any loss or fitness of the product for any

*TDS issued on 19-11-2025. All previous version of this grade are invalid.

SGF BOPP FILMS Manufacturing Facilities in India SURYA GLOBAL FLEXIFILIMS Pvt.Ltd, A-119/1,Sector-29 Yamuna Expressway Industrial Development authority Gautam Buddha Nagar, Uttar pradsh-203201,