



Ashkal SF30 - Polyethylene Shrink Film.

Available in 65 to 150 microns.

Suitable for – Printing & Wrapping for shrinkage used as protective packing for F&B bottles – Plastic / Glass.



Ashkal SF30 multi-layer shrink film is designed to deliver you the most competitive and effective way to pack your produce/crates. Be it plastic bottles or small glass bottles or any cargo (even with sharp/rough contours). SF30 offers optimum shrinkage in TD/ MD direction without compromising the mechanical properties of the film. Especially the tear strength and dart resistance. Ashkal SF30 wraps around the product providing it a strong protection layer through all stages of transportation and storage and even during post-retail stage customer handling which could be 1-3 months. Retaining the warp around and maintaining the grip is the key to designing a performance shrink film and Ashkal SF 30 does just that for you. Its specially treated surface offers printability across all ink systems. Ashkal SF30 can be customized in clear and Hazy grades to suit your printing and brand communication designs.

Key Features / Advantages

- Offer applicability in a wide range of applications for F&B and Industrial applications – Wholesalers / Traders can minimize inventory for multiple applications.
- Excellent shrinkage in MD ~ 70% / TD ~20% . Offers superior grip to all kinds of even / uneven products it is placed over for packing.
- Cost-efficient: Protects the product from pilferage and breakages: Minimizes transportation/ shelf pilferage & resultantly market returns for the brand.

PROPERTIES	TEST METHOD	TYPE	Unit	Typical value			
FILM THICKNESS	ASHKAL METHOD	N/A	MICRON	40	60	80	100
			Tolerance +/-	5%	5%	5%	5%
WIDTH	ASHKAL METHOD	N/A	MM	+5, -0	+5, -0	+5, -0	+5, -0
FILM DENSITY	ASHKAL METHOD	N/A	gm/cm ³	0.92	0.92	0.92	0.92
GRAMMAGE	ASHKAL METHOD	N/A	gm/m ²	36.80	55.20	73.60	92.00
TENSILE STRENGTH	ASTM D-882	MD	Kg/cm ²	180	200	220	240
		TD		160	180	200	220
ELONGATION @ BREAK	ASTM D-882	MD	%	350	450	500	600
		TD		400	500	600	700
TREATMENT LEVEL	ASHKAL METHOD	N/A	Dynes/Cm	NA			
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED(F/M)	DYNAMIC	0.25-0.30			
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED (F/F)	DYNAMIC	0.20-0.30			
DART IMPACT	ISO 7765-1	FILM SURFACE	Gm.	> 2.0 gm / μ			
Shrinkage at 160°C	ASHKAL METHOD	MD	%	70% - 75%			
		TD		15% to 30%			
ROLL OD (Max.)	ASHKAL METHOD	N/A	MM	1200mm			
CORE ID	ASHKAL METHOD	N/A	MM	152/76			

STORAGE, HANDLING, AND APPLICATION/RECOMMENDATIONS:

Storage must be in a dry environment away from direct sunlight at a temperature below 30C.

The film will maintain consistent performance over a period of up to 6 months from the date of manufacture and should be converted prior to this time. Prolong storage may cause problems of machineability, function ability, or blocking on account of elastic memory of thermoplastic films. Before using this product, customers and other users should make their own independent determination that this product is suitable for their intended use and is solely responsible for all determinations regarding the use of the material.

FOOD CONTACT COMPLIANCE:

Our film fully meets the overall migration requirements and is therefore suitable for direct food contact and it complies with EC Directive 94/62/EC, UK Statutory Instrument 2003 No. 1941, As amended, and the CONEG regulations (USA/Canada).

DECLARATION:

While the information provided is accurate to the best of our knowledge as of the date compiled, it is limited to the information as specified. Ashkal (FZE), reserves the right to modify these data if necessary without prior notice, and nothing herein is not intended nor should be construed as a warranty, expressed or implied. Ashkal (FZE). Also disclaims liability for any loss or damages that may occur from the use of this information.