



Gulmohar Pack-Tech India Pvt. Ltd.

An ISO 9001-2015 Company

SHEILDPAULIN[®]

Material Construction: Polyester + Aluminum Foil + LDPE + VCI film. (175 Micron thick)

TEST RESULTS

Sr.no	Property	Standard	Unit	Results obtained	Specified Requirements
1	Vapor Barrier	ASTM E 96	-	High	-
2	Heat sealing Conditions	-	-	180-200° C/2 sec	-
3	Oxygen Transmission Rate(OTR)	DIN 53 380	-	<0.005 cc/ m ² /24hr	-
4	Water Vapor Transmission Rate (WVTR)	DIN 53 122	-	<0.01g/m ² /24hr	-
5	Puncture Strength	DEFSTAN 81/75/	Newton	70N	-
6	Tensile Strength				-
	a) Machine Direction	DIN 53 354	Newton	>65 (N/15mm)	
	b) Transverse Direction			>70 (N/15mm)	
7	Tear Resistance				-
	a) Machine Direction	DIN 53 363	Newton	65 N	
	b) Transverse Direction			50 N	
8	Elongation				-
	a) Machine Direction	DIN 53 354	-	50%	
	b) Transverse Direction			50%	
9	Basic Weight of Material	EN 22 286		136-140gsm	-
10	Sealing Strength	-	Newton	58 N / 15mm	-

Shelf Life: Film life is 12 Months in packed and sealed conditions

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📍 Sr. No. 80/11, Plot No. 1,2,3, Gulmohar Tech-Park, Bhosari Alandi Road, Dighi Magzine Chowk, Behind Pragati Hotel, Pune 412 105

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Classifications:

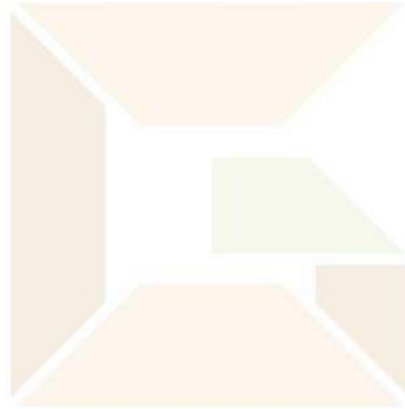
MIL-PRF- 131 K DEFSTAN 81-75/3 Type 1 Grade A

Ref:

Two component based adhesive consisting of Polyurethane based adhesive and polyisocyanate additive Adhesives used are in accordance with regulation 21 CFR 175.105 of the food and drug administration, USA as Aluminium Foils used meets the requirement of EC 94/62 related to heavier metals in aluminium.

The Polyethylene film meets the Directive 2002/72/EC

*The above information is shared in good faith based on the present knowledge and the food grade certificate supplied by the manufactures of polyethylene film and other related information provided by the suppliers of adhesives/polyester films/aluminium foils etc in their catalogue/website and must not be regarded as forming a specification. The film is claimed by the manufacture to be made from virgin, food grade, nontoxic polyethylene like LLDPE/LDPE/HDPE grades.



Leading packaging perfection

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