

Technical Data Sheet

SVAM Packaging Industries Pvt. Ltd.

Product number: ALB 001

1. Product

Alublis®50

laminate for cold forming for blister pack bottom foil

2. Material Composition (from outer side to inner side)

Components	No.	Chemical Base	Thickness (μ)	limit	Weight (g/m ²)	limit
BOPA film		polyamide	25.0	± 1.25	28.8	± 1.25
Adhesive		polyurethane	-	-	4.0	± 0.5
Al foil soft (dull side ↑)		EN AW-8021 B DIN EN 573-3	50.0	± 4.0	135.5	± 10.8
Adhesive		polyurethane	-	-	4.0	± 0.5
PVC film (hard)		Content of free VCl ≤ 10 ppb	60.0	± 3.0	82.8	± 4.14
Total			144.0	± 8.25	255.1	± 12.8

3. Material Properties

- Sealing strength > 7 N/15 mm versus TOP FOIL LID at 170 degree C; dwell time 0.5 second; angle of opening 180 degree
- WVTR: ≤ 0.01 g/m² x day (less than detection limit) at 38 degree C, 90 % RH
- OTR: ≤ 0.005 cm³ / m² x day (less than detection limit) at 23 degree C, 50 % RH

4. Clearance Certificate for Foodstuff

If stored and used properly the above mentioned material complies with the regulation for food contact.

4.1. Outer Side

Adhesive: USFDA 21 CFR § 175.105

4.2. Aluminum

Al foil: USFDA 21 CFR § 178.3910

4.3. Inner Side

PVC film: European Pharmacopeia edition 6 (2008); EC directive 2002/72/EC and amendments



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4.4. Other Information

- residual solvents: ICH topic Q3C, solvent class 3
- other components: free of phthalates, latex and gluten
- BSE/TSE: With this statement we confirm that the lubricants in the PVC film could contain animal fats. These fats are produced as requested by the 24th EC Directive 2000/6 appendix II, February 29, 2000.
It is applicable for manufacturer of non-food products, cosmetics or packaging material. Moreover the film is in accordance with EMEA 410/01, revision 2004/C24/03 "Note for guidance on minimizing the risk of TSE".
- laminate:
 - GMP regulation EC 2023/2006
 - CONEG and EC directive 94/62/EC Art. 11 →
level of heavy metals like Pb, Cd, Hg and hexavalent Cr is less than 100 ppm
 - Framework regulation EC 1935/2004

Product is listed at DMF of M/s Svam number 22097

5. Recommended Storage Conditions

Please see DS 0001

6. Liability Exclusion

The competent producer or packer (or an assigned authority) has to judge the specific suitability of the above mentioned material for the intended use.