

SAFEFOIL SP -BF 12990

ALUMINIUM BARRIER FOIL LAMINATE

Product Description.

SAFEFOIL is a Flexible, Heat-Sealable, Water Vapour resistant Barrier Foil Tri-Laminate of Polyester, Aluminum and Polyethylene. It is a packaging material preferred for Sea worthy exports. Materials are zero atmosphere vacuum packed.

Composition Construction.

PET Film	:	12 Micron
Bonding Layer	:	2 Micron
Aluminium Foil	:	9 Micron
Bonding Layer	:	2 Micron
White LLDPE Film	:	90 Micron
Total Thickness	:	115 Micron
Trade Tolerance	:	+/- 5%.

Special Features.

- Performs by maintaining humidity level below 40 RH inside the package.
- 80 times better performance than polyethylene at keeping moisture out.
- Reduced Desiccant and labour savings mean an overall cost reduction.
- Gives excellent protection against; Oxygen transmission , Physical damage, Biological damage, Odour transfer, Ultra Violet radiations, Chemical breakdown, Oils and Greases, Acids and Alkalies.
- Excellent for packing & storage of hygroscopic powders and other products.
- Custom made product produced and delivered quickly in form of rolls/2D pouches/3D bags in different styles.

Applications.

- Electronic Assemblies
- Masterbatches
- X-Ray Machines
- Automotive Components
- Foodstuffs
- Optical & Electronic Instruments
- Machinery Packaging
- Engines & Transmission Assemblies
- Rubber Compounds & Dyes
- FIBC Liners
- Pharmaceuticals
- Polymer granules etc.
- Transformers
- Chemicals
- Computers
- Aerospace

Specifications.

1. Basic Weight (g / sq. m.)	:	135 (gm/sq.m) ± 8%
2. Tensile Strength	:	MD - 3.673 KN/m. CD - 3.673 KN/m.
3. Puncture Strength	:	27 N/cm.
4. Tear Strength	:	MD - 940 gm. CD - 1320 gm.
5. Sealing Condition	:	180 ⁰ c / 2 sec.
6. Heat Seal Strength (180 ⁰ C/2 sec)	:	30.380 N/ cm.
7. Water Vapor Transmission Rate	:	0.05 gms / m ² / 24hrs.
8. Oxygen Transmission Rate	:	0.1 cc / m ² / 24hrs.
9. P ^H of water extract	:	7.
10. Ageing Test	:	No evidence of delamination / breakdown.
11. WVTR after ageing	:	No change.
12. Integrity of Heat Sealed Seam	:	No Leakage.

Classifications.

- A. MIL B 131 H TYPE 1 CLASS
- B. DEF STANDARD 81 – 75 / 2 TYPE 1 GRADE A

Standard sizes & shapes available .

Rolls: Width 0.75m & 1.00m Length 100 Lm

Bags: Box Bags with Center Seal / Base Sheet / Lid / Zipper / Attached Lid and Flat Bags.

Custom rolls & bags can be made on request.

This information is given in good faith but must not be regarded as forming a specification.