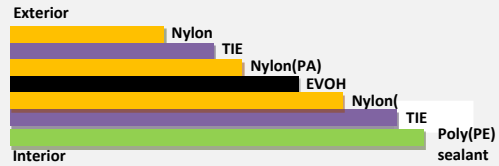


SPECIFICATION

GreenVac-50 EVOH Co-Extrusion Film 50microns/2Mil



	Test Method	Typical Value	Unit	Typical Value	Unit
Weight	ASTM D882	49.65	g/m ²	14160	in ² /lb
Elongation/MD	ASTM D882	370	%	370	%
Elongation/TD	ASTM D882	350	%	350	%
Tensile strength/MD	ASTM D882	24	Mpa	3481	PSI
Tensile strength/TD	ASTM D882	22	Mpa	3191	PSI
Haze	ASTMD1003	8.5	%	8.5	%
COF	ASTMD1894	0.2		0.2	
O2TR	ASTMD3985	1.2	cm ³ /m ² .d.bar @65%RH&23	0.08	cc/100in ² .d.bar @65%RH&23 °C
WVTR	ASTMD1249	4.8	g/m ² .d	0.310	g/100in ² .d
Sealing strength	ASTMD2029	21	N/15mm	7.99	1bf/in

Product feature

Excellent properties on gas barrier, moisture proof, Longer shelf life, storage time

Suitable for packing product with high performance requirements, e.g. freezable, wet pet food, meat

This is achieved by

- Preventing the growth of microorganisms.
- Removing atmospheric oxygen.
- Limiting the growth of aerobic bacteria or fungi
- Preventing the evaporation of volatile components

Material

All resins meet the FDA requirement.

- **Nylon:** BASF or DSM import from Germany, quality approved by Europe.
- **Bonding-resin:** Dupont import from USA, quality approved by North American.
- **LDPE or LLDPE:** DOW or Exxonmobil import from USA, quality approved by North American.

Application

- **Long term storage of dry foods:** Nuts, cereals, cheese, smoked fish, crisps, cured meats.
- **Short term storage of fresh foods:** Vegetables, meats, liquid i.e. soups.
- **Frozen foods:** Vacuum pouches prevent freezer burn by shielding food from exposure to the cold, dry air.

Certifications

This production has got the certification of ISO9001, ISO14001, SGS, FDA, CFIA, QS etc. All resins meet the FDA requirement