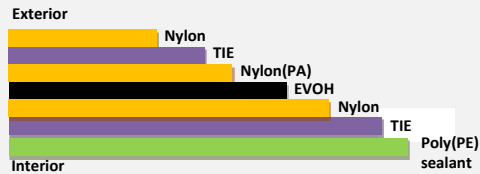


## SPECIFICATION

### GreenVac-100 EVOH Co-Extrusion Film 100microns/4Mil



	Test Method	Typical Value	Unit	Typical Value	Unit
Weight	ASTM D882	99.26	g/m <sup>2</sup>	7083	in <sup>2</sup> /lb
Elongation/MD	ASTM D882	470	%	470	%
Elongation/TD	ASTM D882	450	%	450	%
Tensile strength/MD	ASTM D882	32	Mpa	4641	PSI
Tensile strength/TD	ASTM D882	30	Mpa	4351	PSI
Haze	ASTMD1003	18	%	18	%
COF	ASTMD1894	0.2		0.2	
O2TR	ASTMD3985	1.2	cm <sup>3</sup> /m <sup>2</sup> .d.bar @65%RH&23	0.08	cc/100in <sup>2</sup> .d.bar @65%RH&23 °C
WVTR	ASTMD1249	2.8	g/m <sup>2</sup> .d	0.181	g/100in <sup>2</sup> .d
Sealing strength	ASTMD2029	29	N/15mm	11.04	1bf/in

#### Product feature

The velum has the feature of high barrier, clear and easy tear, which is developed and produced by GreenPak.

#### 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