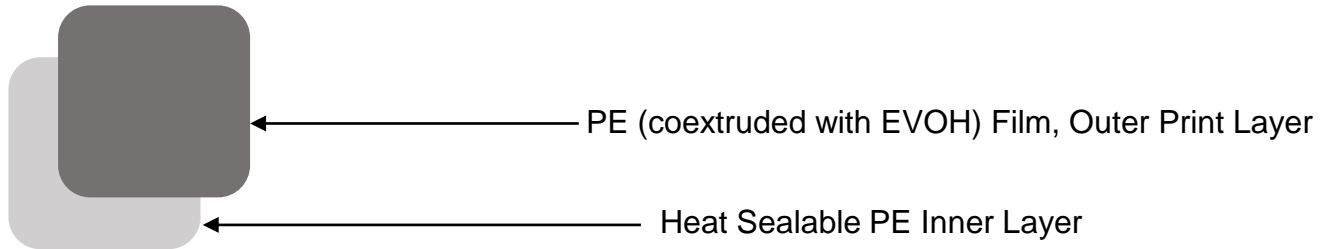


# Material Specification

## #4 RECYCLABLE



The #4 Recyclable structure is a mono-material constructed out of two layers of Low Density Polyethylene (PE). It contains less than 5% of a copolymer known as EVOH, which provides excellent oxygen and moisture barrier properties. PE zipper optional on preformed pouches. Mono-material means that it can be used to create sustainable flexible packaging options that comply with international recyclability guidelines.

**Commonly used for:** *Snacks, Supplements, Protein Powders, Pharmaceuticals, Health Foods, Pet Food, etc.*

**Appearance:** *Transparent but hazy or cloudy when compared to conventional Polyester (PET) film. External finish can be matte or gloss.*

TABLE OF VALUES	
Material Structure:	PE (coex EVOH)-PE
Thickness (mils):	4.33 mils
Oxygen Barrier ( $\text{cm}^3 \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$ ):	4.03
Moisture Barrier ( $\text{g} \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$ ):	6.21

# Material Specification

## #4 RECYCLABLE

### Benefits of Mono PE-PE Film:

- ✓ Meets U.S. regulations on recyclability claims and allows for the #4 Recyclable logo printed onto the package
- ✓ Complies with How2Recycle® guidelines on recyclability at end of use
- ✓ Oriented PE films, meaning the overall laminate is structurally sound and capable of forming pouches that hold up to 30 lbs
- ✓ Barrier properties are comparable to those achieved with conventional clear poly films
- ✓ FDA Grade and safe for contact with Food & Pharmaceuticals

