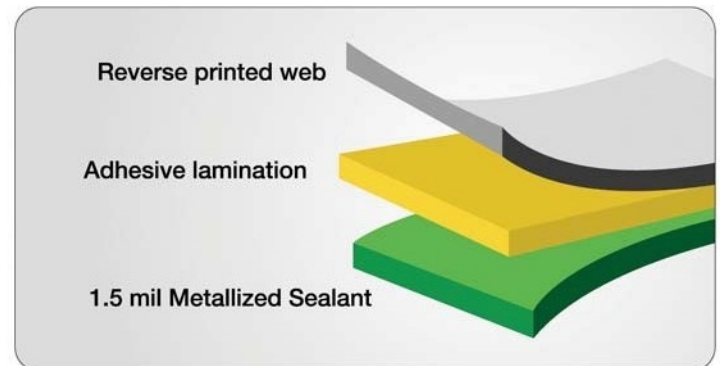
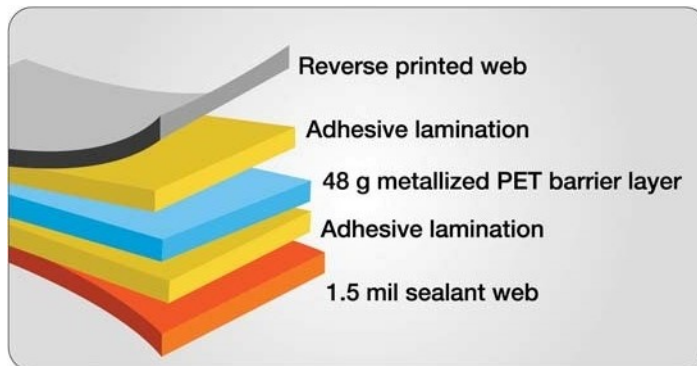


# Celplast Metallized Sealants

## Reduce Costs, Increase Market Share



### Sustainable Solution

- ◆ Eliminate a layer, a lamination pass and conserve adhesive
- ◆ **Reduce energy requirements:**
  - 31% in solvent-based structures
  - 12% in solvent-less structures
- ◆ **Achieve a lower carbon footprint**
  - 30% in solvent-based laminating
  - 20% in solvent-less lamination
- ◆ Excellent barrier properties and sealant performance
- ◆ Suitable for VFFS and HFFS applications
- ◆ Applications include stand-up and peg-display pouches

**CEL-MET Sealant** replaces metallized polypropylene (OPP) film to convert a three-ply structure to a two-ply structure while providing a high water vapor transmission barrier properties.

**WVTR** of 0.07 g/100in<sup>2</sup>/day.

**O2 Barrier Sealant** replaces metallized polyethylene terephthalate (PET) to reduce a three-ply structure to two plies. Provides improved high oxygen and water vapor barrier properties.

**WVTR** 0.07 g/100in<sup>2</sup>/day.

**OTR** 0.03-0.06 cc/100in<sup>2</sup>/day