Celplast Metallized Sealants

Go from a 3 ply to 2 ply structure and increase your market share by reducing cost, without sacrificing any barrier or sealant performance

3-PLY

Reverse printed web
Adhesive lamination
48 g metallized PET barrier layer
Adhesive lamination
1.5 mil sealant web

2-PLY

Reverse printed web
Adhesive lamination
1.5 mil Metallized Sealant

Cel-Met Sealant replaces metallized oriented polypropylene (OPP) to reduce a three-ply structure to two plies while providing a water vapor transmission rate (WVTR) of 0.07 g/100in²/day.

O2 Barrier sealant replaces metallized polyethylene terephthalate (PET) to convert a three-ply structure to a two-ply and provides even higher barrier properties: OTR 0.03-0.06 cc/100in²/day; WVTR 0.07 g/100in²/day.

Sustainable benefits
Eliminating the need for a second pass in the lamination process also conserves adhesive.

Energy requirements are reduced: 31% for solvent-based structures and 12% for solvent-less.

Carbon dioxide emissions also drop: 30% for solvent-based laminating and 20% for solvent-less.

Applications include stand-up and peg-display pouches.

Jim Lush
Eastern USA and Canada
(416) 644-3506
jim@celplast.com

Veronica Ataya
Midwest USA and Latin America
(416) 644-3512
veronica@celplast.com