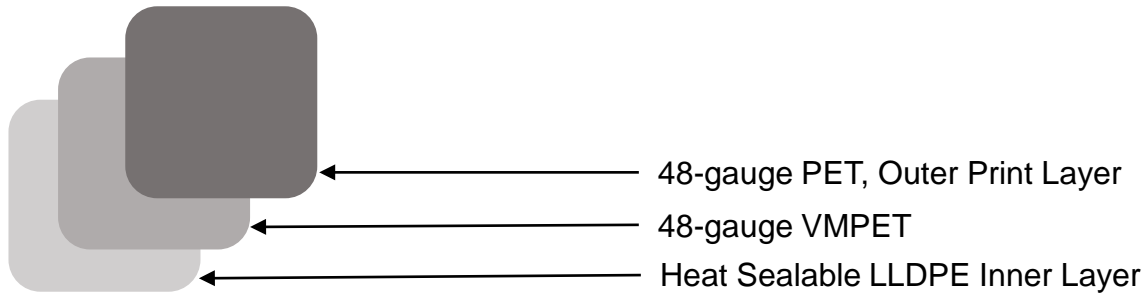


Material Specification Sheet

METALIZED POLY (Gloss)



Metalized Poly (gloss) is a three-layer film structure with 48-gauge biaxially oriented polyester (PET12) as the outer print layer. The second layer is 48-gauge vacuum metalized polyester (VMPET12), for which the metalized component reduces the oxygen transmission by nearly 50-fold. The innermost layer is heat sealable Linear Low Density Polyethylene (LLDPE), which provides shape and rigidity to the pouch.

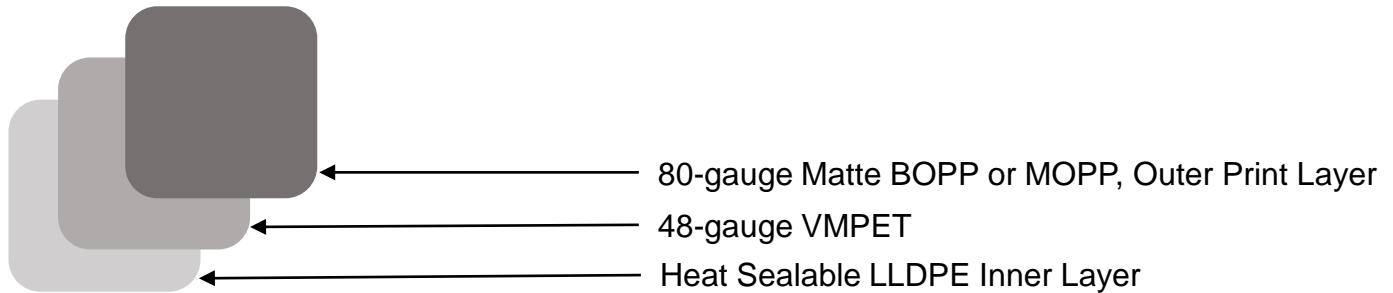
Commonly used for: *Snacks, Supplements, Protein Powders, Pharmaceuticals, Health Foods, Pet Food, etc.*

Appearance: *Frosty but transparent due to a matte external finish. Ideal for pouches requiring both a window knockout and matte finish.*

TABLE OF VALUES	
Material Structure:	PET12-VMPET12-LLDPE80
Thickness (mils):	4.09 mils (or as required)
Oxygen Barrier ($\text{cm}^3 \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$):	1.55
Moisture Barrier ($\text{g} \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$):	0.94

Material Specification Sheet

METALIZED POLY (Matte)



Metalized Poly (matte) is a three-layer film structure with matte biaxially oriented polypropylene (BOPP) as the outermost print layer (MOPP20). The second layer is 48-gauge vacuum metalized polyester (VMPET12), for which the metalized component reduces the oxygen transmission by nearly 50-fold. The innermost layer is heat sealable Linear Low Density Polyethylene (LLDPE), which provides shape and rigidity to the pouch.

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

Appearance: *Frosty but transparent due to a matte external finish. Ideal for pouches requiring both a window knockout and matte finish.*

TABLE OF VALUES	
Material Structure:	MOPP20-VMPET12-LLDPE80
Thickness (mils):	4.41 mils (<i>or as required</i>)
Oxygen Barrier ($\text{cm}^3 \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$):	1.60
Moisture Barrier ($\text{g} \cdot \text{m}^{-2} \cdot 24\text{h}^{-1}$):	0.78

Safety Assurance



Flexible Pouches is committed to your safety.

All flexible packaging products supplied by Flexible Pouches are produced at BRC-certified facilities, the leading global authority in food packaging safety. Additionally, all films, inks, and other materials used in the manufacture of our flexible packaging products are recognized by the U.S. FDA as safe for food contact.

Food Packaging Safety Checklist

- ✓ All Materials U.S. FDA Compliant for Food Contact
- ✓ BRC Certified for Food Packaging Manufacturing
- ✓ Routine Third Party Inspections
- ✓ Full Traceability
- ✓ Total Supply Chain Assurance
- ✓ Consistent Manufacturing Practices

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