

Comparison Table of Composite Substrate Performance and Suitable Products

No.	Laminate Structure	Key Performance Highlights	Suitable Products
1	BOPP/LLDPE	Good freezing and puncture resistance; excellent transparency	Everyday snacks, dried fruits, economical daily-use packaging
2	BOPP/VMCPP	Good light barrier; relatively weak freezing performance	Candy, baked goods, lightweight economical food pouches
3	BOPP/VMPET/LLDPE	Excellent aroma retention and light barrier; well-balanced overall performance	Flower tea, regular powders, lightly light-sensitive snacks
4	MATOPP/LLDPE	Matte finish; excellent freezing and chemical resistance	Matte personal-care packaging, scented sachets, premium snack packaging
5	MATOPP/PET/LLDPE	Matte texture; excellent chemical and low-temperature performance	Matte household/personal-care granules and light powder packaging
6	MATOPP/VMCPP	Matte appearance; good light barrier; average puncture resistance	Matte candy and lightweight gift packaging
7	MATOPP/VMPET/LLDPE	Matte finish plus high-barrier performance; top-level aroma retention	Matte coffee packaging, premium meal-replacement products, scented sachets
8	PET/VMCPP	Excellent light barrier and aroma retention; poor low-temperature performance	Light-barrier candy and short-shelf-life baked foods
9	PET/VMPET/CP	Excellent aroma retention and light barrier; low puncture resistance	Coffee powder, tea, and short-term powder packaging
10	PET/VMPET/LLDPE	Excellent overall freezing, chemical resistance, and barrier performance	Meal-replacement powder, fragrance granules, and dry foods

No.	Laminate Structure	Key Performance Highlights	Suitable Products
11	PET/AL/LLDPE	Top-level barrier performance across all dimensions; maximum light and aroma protection	Baking soda, descaling agents, and long-term light-sensitive powders
12	PET/AL/RCPP	High barrier; suitable for low-temperature retort; average puncture resistance	Low-temperature cooked foods, sauces, and household/personal-care powders
13	PET/NY/AL/RCPP	High barrier plus puncture resistance; suitable for high-temperature retort	Braised cooked foods, high-temperature sauces, and industrial cleaning agents
14	PET/NY/LLDPE	Strong puncture resistance, good transparency, and chemical corrosion resistance	Laundry detergent pods and transparent granular cleaning products
15	PET/NY/RCPP	Excellent puncture resistance; suitable for retort and low-temperature storage	Chilled meat products and seasoning sauces
16	PET/LLDPE	Good freezing and chemical resistance; high transparency for product visibility	Visible-window snacks, granular household/personal-care products, and dried-fruit packaging
17	PET/VMCPP	Excellent light barrier; good aroma retention	Short-term baked goods, candy, and simple powder pouches
18	NY/LLDPE	Excellent low-temperature freezing resistance and toughness; good transparency	Quick-frozen ingredients, frozen meat, and chilled foods
19	NY/RCPP	Low-temperature resistant, retortable, and tough	Frozen cooked foods and low-temperature seasoning packs
20	NY/VMPET/LLDPE	Excellent freezing, chemical resistance, and barrier performance	Large-capacity wet wipes, export household/personal-care products, and long-lasting scented sachets