

			Technical Information			Optional Properties
Sector	Structures	General Information	Highlights	Sealing Type	Printing Technology	Add on
Pet Food	OPP / MET PET / PE	Pet food typically requires the same characteristics as human food, very similar materials are used in both industries. Typical Packed forms: Stand-up Pouch, Bigbag, Quadro Pack, Stick Pack	*Excellent barrier properties (oxygen, water vapor, light and aroma) *Protection against light *Good dimensional stability *Good lamination strength *Stable COF *High puncture resistance *Good hot tack properties *Perfect visual presentation *Easy stacking *Easy carrying	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	PET / MET PET / PE					
	PET / ALU / PE					
	PE / PE					
	PET / PE					
Confectionary	OPP / CPP	Structures are designed to successfully match up with the packaging requirements of modern day products offered by the chocolate/biscuits/cake/cookie industry. Sealing properties can be redesigned for customer requirements, heat sealing or cold sealing. Typical Packed forms: Pillow Pack, Stick Pack, Quadro pack, Stand-up Pouch	*Protection against light *Suitable for high speed machines *Good dimensional stability *Stable COF *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Uncoding for Promotion Cases *Back Print *Partial or Full Matt Lacquer Application
	OPP / OPP			Heat Seal / Cold seal		
	OPP / PE			Heat seal		
	OPP / MET OPP			Heat Seal / Cold seal		
	OPP / PEARL OPP			Heat Seal / Cold seal		
	PEAR OPP			Heat Seal / Cold seal		
	MET OPP			Cold seal		
Snacks	MDO PE / PE	The snack food industry typically require higher barriers to keep them fresh. For example, many companies use metallized materials for their bags. These older materials coupled with the multiple barrier and sealing layers available are helping to create some of the most attractive packages the market has seen. Typical Packed forms: Quadro pack, Stand-up Pouch, Pillow Pack	*Excellent barrier properties (oxygen, water vapor, light and aroma) *Protection against light *Good dimensional stability *Good lamination strength *Odourless *Resistance to oil and fats *Sealing capability *Stable COF *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	OPP / MET OPP					
	OPP / OPP					
	PET / PE (EVOH)					
	PET / ALU / PE					
Dehydrated / Dried Products	PET / MET PET / PE	Dehydrated / Dried food is sensible to moisture reabsorption and must be properly packaged suitable structures and stored immediately. So, packaging of dried food should be designed considering characteristics properties. Dried food requires high barrier properties. Typical Packed forms: Pillow Pack, Stand-up Pouch	*Excellent barrier properties (oxygen, water vapor, light and aroma) *Protection against light *Good dimensional stability *Good lamination strength *Stable COF *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Zipper *Laser Cut *Easy opening (peel) *Linear Tear without Laser Cut *Partial or Full Matt Lacquer Application
	OPP / MET PET / PE					
	OPP / CPP					
	OPP / OPP					
	PET / PE					
	OPP / PE					
Coffee	OPP / MET PET / PE	Coffee packaged in foil material ensures that freshly roasted/bean/grounded coffee is protected from UV light, oxygen and moisture. Typical Packed forms: Stand-up Pouches, Quadro Pack, Stick Pack, Sachet, Vacuum Pack, Over Wrapper	*Excellent barrier properties (oxygen, water vapor, light and aroma) *Protection against light *Good dimensional stability *Good lamination strength *Stable COF *Resistance to heat *Good machinability *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Zipper *Laser Cut *Easy opening (peel) *Linear Tear without Laser Cut *Partial or Full Matt Lacquer Application *Suitable for Valve Application *Uncoding for Promotion Cases
	OPP / MET OPP / PE					
	OPP / ALU / PE					
	PET / ALU / PE					
Ice Cream	PEARL OPP	Ice cream packages can experience numerous temperature changes during transport to the retail freezer case and during the shelf life of product. Foils must be designed with special raw materials that resistant to cold ambient conditions. Typical Packed forms: Pillow Pack, Flow Pack	*Protection against light *Good dimensional stability *Stable COF *High puncture resistance *Suitable for high speed machines *Perfect visual presentation	Cold seal	Rotogravure	*Uncoding for Promotion Cases *Back Print *Partial or Full Matt Lacquer Application
	MET OPP					
Frozen Food	PET / PE	Frozen food packages can experience numerous temperature change during transport to the retail freezer case and during the shelf life of product. Foils must be designed with special raw materials that resistant to cold ambient conditions. Typical Packed forms: Pillow Pack	*Protection against light *Good dimensional stability *Stable COF *High puncture resistance *Suitable for high speed machines *Perfect visual presentation	Heat seal	Rotogravure	*Uncoding for Promotion Cases *Back Print *Partial or Full Matt Lacquer Application
	OPP / PE					
	OPP / MET PET / PE					
Sea Food / Meat Products	PET / PE (EVOH)	The function of packaging is to surround or wrap meat or sea food products with suitable protective material. The less oxygen permeability of films used for the packaging of meat products varies. The lower the oxygen permeability, the more efficient the protection of product quality. Typical Packed forms: Lidding Foil, Vacuum Pack, Quadro pack, Stand-up Pouch	*Excellent barrier properties (oxygen, water vapor, light and aroma) *Protection against light *Good dimensional stability *Good lamination strength *Perfect visual presentation *Odourless *Resistance to hot and cold temperatures *Resistance to oil and fats *Sealing capability *Antifog	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	PET / PE					
	PET / BOPA / PE					
Pasta	OPP / CPP	Dried pasta form the base of the alimentation of most of the households today. As focusing on the path of the transparency and the food safety, Pilenpak produce the pasta packs which has an adequate barrier and strong seal to keep their freshness until the consumer. Typical Packed forms: Pillow Pack	*Good dimensional stability *Good lamination strength *Stable COF *Good hot tack properties *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	OPP / OPP					
	PET / PE					
Beverage	OPP	They are widely used in soft drinks and water bottle labels. It is the most cost effective solution for customers as the volumes are high.	*Suitable for high speed machines *Good dimensional stability *Stable COF *Antistatic property *High resistance to wettability	Heat seal	Flexo	-
	PEARL OPP					
Hygiene Products	PET / PE	Personal Healthcare Packaging Material meet the complete demands of sector for example enduring sterilization condition or non-yellowing properties. Typical Packed forms: Quadro pack, Stand-up Pouch, Flow Pack, Sachet	*Excellent barrier properties *Protection against light *Good dimensional stability *Good lamination strength *Resistance to aggressive solution *Non- yellowing properties *Sealing capability *Stable COF *Perfect visual presentation	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	OPP / PE			Heat seal		
	MDO PE / PE			Heat seal		
	PET / ALU / PE			Heat seal		
	MDO PE / PE (EVOH)			Heat seal		
	OPP / OPP			Heat seal		
	PET / PAPER			Hotmelt		
	PET / MET PET / PAPER			Hotmelt		
	PET / ALU			Extrusion coating		
	PAPER			Hotmelt		
PE / PE	Heat seal					
Dairy Products	PAPER / MET PET	Dairy Products Packaging is developed to successfully handling the specific packaging requirements of dairy industry. The qualitative packaging support provided safeguards the wide range of dairy products packed inside including those available in semi liquid and liquid form like butter, cheese, yogurt, milk and other dairy products. Typical Packed forms: Lidding Foil, Side wall decor, Mixpap, Envelope	*Excellent barrier properties *Protection against light *Good dimensional stability *Good lamination strength *Perfect visual presentation *Odourless *Resistance to hot and cold temperatures *Resistance to oil and fats *Sealing capability *Easy opening	Heat seal	Rotogravure / Flexo	*Partial or Full Matt Lacquer Application
	PET / ALU			Heat seal		