






Packaging Material Comparison

Attribute	PETE 	PVC 	PP 	Styrenes OPS/HIP 	PLA 
Temperature	Great freezer, cold case, and room temperature performance	Excellent clarity and anti fog	Good frozen and refrigerated	Poor frozen. Great for chilled foods or room temperature displays	Poor frozen. Fair Refrigerated
Max Hot Fill Temperature	140°F	-	260°F	150°F	-
Heat Distortion Temperature	158°F	200-240°F	275°F	170°F	105°F
Clarity	Excellent	Fair	Fair	Excellent	Excellent
Moisture Barrier	Good	Excellent	Excellent	Poor	Poor
Oxygen Barrier	Excellent	Excellent	Fair	Poor	Poor
Greases/Oils	Fair	Excellent	Excellent	Fair	Poor
Recyclable	Excellent	Poor	Good	Fair	Compostable
Microwaveability	No	No	Yes	No	No
Oven Proof	No	No	No	No	No

STOCK PACKAGING & CONTAINERS

Panoramic offers a wide variety of stock food containers, produced from FDA approved recycled PET material. PET is the preferred choice for food packaging with benefits including:

- **Presentation:** Crystal clear clarity to enhance product presentation and consumer appeal
- **Strength:** Excellent strength and toughness; resistant to impact, cracking or shattering
- **Food Freshness:** Superior gas, oxygen and moisture barrier properties extend shelf life, maintain food quality and reduce spoilage.
- **Food Preservation:** No transmission of odor or taste to food products
- **Frozen Food Application:** Endures freezing; working temperature range of 0°F to 125°F
- **FDA Compliance:** Conforms to FDA paragraph 21 CFR 177.1630
- **Environmentally Sound:** Assigned the #1 recycling code, PET is the most widely recycled and recyclable plastic material