Material Temperature Ranges

Aluminum	**Aluminum** -20°F/-29°C — 400°F/204°C	blast freezer	freezer	fridge	room temp	heated display	microwave	oven
Bio-Plastics	**Bio-Plastic** 0°F/-18°C — 212°F/100°C		freezer	fridge	room temp	heated display	microwave	
	Polylactic Acid (PLA) 0°F/-18°C — 105°F/41°C		freezer	fridge	room temp			
	Crystalized (CPLA) 0°F/-18°C — 226°F/108°C		freezer	fridge	room temp	heated display	microwave	
Fiber Blend	**Fiber Blend** 0°F/-18°C — 250°F/121°C		freezer	fridge	room temp	heated display	microwave	
Paperboard	**Paperboard** Clay or Uncoated 32°F/0°C — 212°F/100°C		freezer	fridge	room temp	heated display		
	Coated with Polyethylene (PE) 0°F/-18°C — 180°F/82°C		freezer	fridge	room temp	heated display		
	Coated with Polyethylene Cups Only (PE) 32°F/0°C — 190°F/88°C		freezer	fridge	room temp	heated display		
	Coated with Polylactic Acid (PLA) 0°F/-18°C — 185°F/85°C		freezer	fridge	room temp	heated display		
	Kraft OneBox 0°F/-18°C — 180°F/82°C		freezer	fridge	room temp	heated display	microwave	
	Oven Safe Pressware -40°F/-40°C — 400°F/204°C	blast freezer	freezer	fridge	room temp	heated display	microwave	oven
	Pressware -40°F/-40°C — 212°F/100°C	blast freezer	freezer	fridge	room temp	heated display	microwave	
	PET & Foil Laminated -20°F/-29°C — 120°F/49°C	blast freezer	freezer	fridge	room temp	heated display		
Polyethylene	**Polyethylene** (PE) -40°F/-40°C — 180°F/82°C	blast freezer	freezer	fridge	room temp	heated display		
	High Density Polyethylene (HDPE) -40°F/-40°C — 211°F/99°C	blast freezer	freezer	fridge	room temp	heated display	microwave	
	Linear Low Density Polyethylene (LLDPE) -40°F/-40°C — 211°F/99°C	blast freezer	freezer	fridge	room temp	heated display	microwave	
Polyethylene Terephthalate	**Crystalized** (CPET) -20°F/-29°C — 400°F/204°C	blast freezer	freezer	fridge	room temp	heated display	microwave	oven
	Polyethylene Terephthalate (PET & RPET) -20°F/-29°C — 120°F/49°C	blast freezer	freezer	fridge	room temp			
Polypropylene	**Polypropylene** (PP) 0°F/-18°C — 212°F/100°C		freezer	fridge	room temp	heated display	microwave	
	Mineral Filled (MFPP) 37°F/3°C — 250°F/121°C			fridge	room temp	heated display	microwave	
	Plastarch Material (PSM) 0°F/-18°C — 200°F/93°C		freezer	fridge	room temp	heated display	microwave	
	Recycled Content Polypropylene (RPP) 0°F/-18°C — 200°F/93°C		freezer	fridge	room temp	heated display	microwave	
Polystyrene	**High Impact** (HIPS) 0°F/-18°C — 180°F/82°C		freezer	fridge	room temp	heated display		
	Oriented (OPS) 37°F/3°C — 180°F/82°C			fridge	room temp	heated display		
	Foam (PS) 0°F/-18°C — 150°F/66°C		freezer	fridge	room temp	heated display		
Polyvinyl Chloride (PVC)	**Polyvinyl Chloride** (PVC) 0°F/-18°C — 150°F/66°C		freezer	fridge	room temp	heated display		

These guidelines are supplied to assist you in determining the proper use of Novolex products. They are based upon testing and published guidelines and are reliable in most applications. However, because every food supplier's recipes, ingredients, processes and supply chain is unique, these guidelines are not a substitute for product testing. Confirmation of product acceptability under your specific conditions of use must be done by you.