



KYDEX® Thermoplastics are free of harmful additives:

- RoHS, REACH, Prop 65, & UL GREENGUARD Gold certified
- Biocompatible: No leaching or endocrine risks
- In-mold color: Eliminating risks of VOCs from painting
- Chemical and stain resistant
- No migration of polymer matrix
- Finished products do not contain free vinyl chloride
- Free of BPA, PFAs, and all phthalates, including DEHP



No Plasticizers

KYDEX® Thermoplastics do not rely on plasticizers as it is a rigid PVC inhibiting any fungal or bacterial growth due to the lack of a food source.

Naturally Derived

KYDEX® Thermoplastics are produced without plasticizers, using technology based on natural gas and salt, which are abundant, stable, and low-impact raw materials.

Inherently Fire Retardant

KYDEX® Thermoplastics are manufactured without harmful fire retardants.

Bottom Line

KYDEX® Thermoplastics are safer, more stable, and better suited for environmentally conscious, high-performance design, particularly in sectors where safety, durability, and compliance are critical.



100% Recyclable

- KYDEX® Thermoplastics can be recycled and reused, supporting closed-loop sustainability programs
- In-house recycling partner with zero KYDEX® material waste going to landfill
- Over 12 million lbs of KYDEX® material recycled every year



Certifications

- ISO 9001:2015: Quality management system
- ISO 10993-5: Cytotoxicity
- ISO 10993-10: Sensitization and Irritation testing
- ISO 14001:2015: Environmental management system
- ISO 14040:2006: Environmental impact of products
- ISO 45001:2018: Occupational health and safety management system
- AS9100D: Design, development, and production of KYDEX® products.



Read our
Sustainability Promise

CONNECT WITH US



SEKISUI KYDEX CUSTOMER COLLABORATION

- kydex.com
- info@kydex.com
- 1.800.325.3133

appLab™ FOR TECH SUPPORT

- kydex.com/app-lab
- appLab@kydex.com
- 1.800.682.8758

designLab® FOR CREATIVE SUPPORT

- kydex.com/design-Lab
- designLab@kydex.com

Technical Material Comparison Matrix

When potentially concerning additives are found in a product, their presence is frequently driven by formulation and sourcing decisions rather than the material category itself. Understanding these supply chain choices is essential to accurately evaluating a material's overall environmental and health profile.

PRODUCT		BPA Free*	PFA Free*	DEHP Free*	Phthalate* Free	Plasticizer* Free	Bromine* Free	Antimony* Free	Halogenated Flame Retardant* Free	Recyclable	Ability to Resist Aggressive Chemical Disinfectants	RoHS, REACH, Prop 65, GREENGUARD Gold certified	Low or No VOC	Impact Strength & Durability	Consistent Fit & Finish	Cost
RIGID PVC/ACRYLIC	KYDEX® T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$
	KYDEX® T-IM	■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$
	KYDEX® 110	■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$\$
	KYDEX® 430	■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$\$
	KYDEX® 100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$\$
NON RIGID PVC		■	■	VARIES	VARIES	X	■	■	■	LIMITED	LIMITED	VARIES	X	LIMITED	X	\$
ABS		■	■	■	■	■	■	■	■	■	LIMITED	■	■	VARIES	■	\$
FR-ABS		■	■	■	■	■	X	VARIES	X	■	LIMITED	VARIES	■	LIMITED	■	\$\$
PC		X	■	■	■	■	■	■	■	■	X	■	■	■	■	\$\$\$
PC/ABS		X	■	■	■	■	■	VARIES	VARIES	■	X	■	■	■	■	\$\$\$
FIBERGLASS		■	■	■	■	■	■	■	VARIES	LIMITED	LIMITED	X	X	X	X	\$
FR-HIPS		■	■	■	■	■	X	VARIES	X	■	LIMITED	VARIES	■	LIMITED	■	\$
PCTG		■	■	■	■	■	■	■	■	■	■	■	■	■	■	\$\$\$
PROCESS	RIM	■	■	■	■	■	■	■	VARIES	LIMITED	LIMITED	VARIES	VARIES	X	X	\$\$
	STRUCTURAL FOAM	■	■	■	■	■	■	■	VARIES	LIMITED	LIMITED	VARIES	VARIES	X	X	\$\$
COATINGS	ACRYLIC	■	■	■	VARIES	VARIES	■	■	■	X	LIMITED	VARIES	VARIES	X		
	POLYURETHANE	■	VARIES	■	VARIES	VARIES	■	■	VARIES	X	LIMITED	X	VARIES	X		
	EPOXY	X	■	■	■	■	■	■	■	X	■	X	VARIES	X		
	GEL COAT	VARIES	VARIES	VARIES	VARIES	VARIES	■	■	VARIES	X	■	X	X	X		