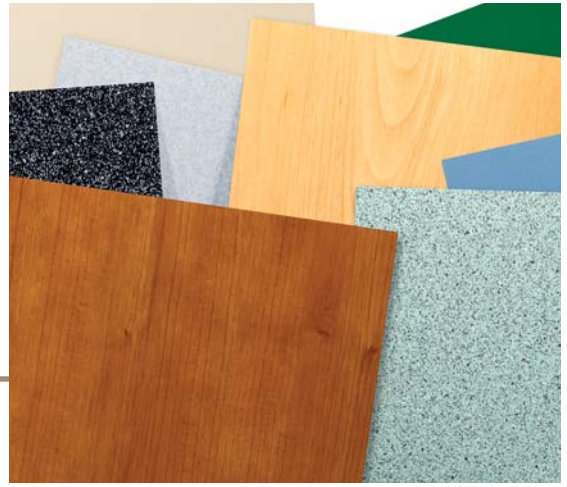


# KYDEX<sup>®</sup> THERMOPLASTIC SHEET



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KYDEX<sup>®</sup> thermoplastic sheet is a proprietary material that has excellent aesthetic qualities, superior impact resistance, and outstanding formability. It is an excellent choice for thermoformed equipment housings and airplane, bus, and train interior parts where appearance, toughness, and complex thermoforming are required.



## KEY CHARACTERISTICS:

- Excellent impact resistance
- Easy to thermoform
- Strong and stiff
- Good electrical insulating properties
- Consistent color throughout material helps hide scratches and wear
- UL rated grades available
- Fire retardant grades available
- FAA compliant grades available
- Available in a wide variety of colors and textures

## APPLICATIONS:

- Thermoformed equipment housings
- Kiosks
- Point-of-purchase displays
- Store fixtures
- Aircraft, bus, and train interior parts
- Membrane pressed furniture components

## KYDEX<sup>®</sup> THERMOPLASTIC SHEET TYPICAL PROPERTIES:

	UNITS	ASTM TEST	KYDEX <sup>®</sup> 100
Tensile strength	psi	D-638	6,100
Flexural modulus	psi	D-790	335,000
Izod impact (notched)	ft-lbs/in of notch	D-256	18.0
Heat deflection temperature @264 psi	°F	D-648	173
Maximum continuous service temperature in air	°F		-
Water absorption (immersion 24 hours)	%	D-570	0.05-0.08
Coefficient of linear thermal expansion	in/in/°Fx10 <sup>-5</sup>	D-696	4.2

### Standard Sizes: SHEET: 48"x96" (0.028"-0.500" thick)

Length, width, thickness, and diameter tolerances vary by size and by manufacturer • Custom sizes and colors available upon request • Many of our materials are available as films with thicknesses of 0.029" or less. Values may vary according to brand name. Please ask your Curbell Plastics representative for more specific information about an individual brand.

**Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, and prototyping materials for over 65 years**



NATIONWIDE  
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