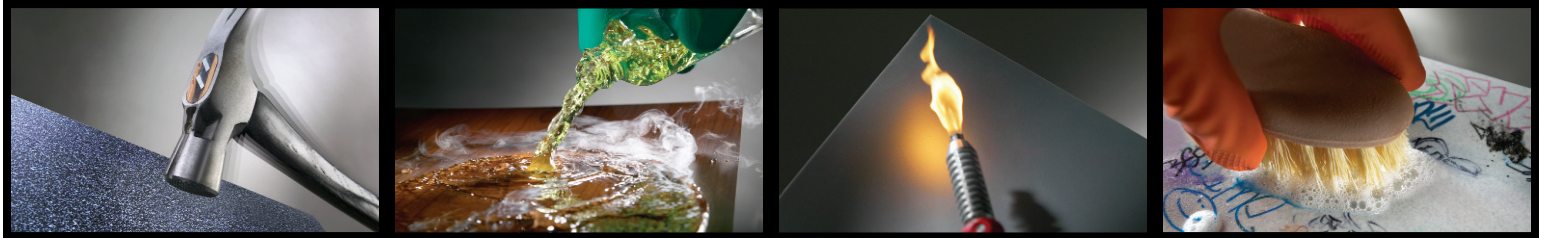


Durability by Design®

Thermoplastic sheet designed with your parts in mind.



Impact Resistant

Chemical Resistant

Fire Rated UL Std 94V-0 & 5V

Superior Cleanability

Excels in high-performance medical applications.

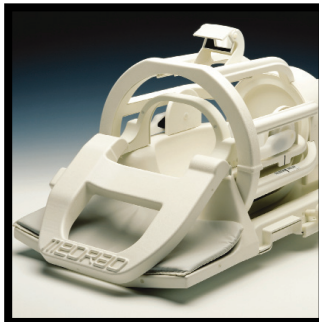
Medical Equipment Housings, Mobile Carts, Work Surfaces, Hospital Bed Footboards and Headboards, Orthotics and Prosthetics, Tables and Trays, Ceiling Panels, Protective Wall Coverings, Work Stations

KYDEX® sheet is offered in an expanded range of high performance grades that meet the demanding requirements of medical applications.

KYDEX sheet provides the physical, chemical and aesthetic properties needed to improve the durability, cleanability, and appearance of medical products.

In addition to thermoforming, KYDEX sheet is suitable for laminating, fabricating, machining, and membrane pressing, making it the ideal material from which to create a broad variety of flat and three-dimensional medical components.

KYDEX®
THERMOPLASTIC SHEET



- Extreme chemical resistance: withstands harsh cleansers with no staining, fading, cracking or crazing
- Carries a UL Std. 94V-0 & 5V fire rating
- Extreme formability, hot tear strength and the ability to maintain uniform wall thickness
- Outstanding impact resistance, modulus of elasticity, tensile strength, hardness and heat deflection temperature
- Thicknesses from 0.71mm - 12.70mm (.028" - .500"),
- 8 surface textures, 3000 custom colours, realistic woodgrains, metallics & custom patterns
- Low minimum quantities

Kleerdex Company, LLC

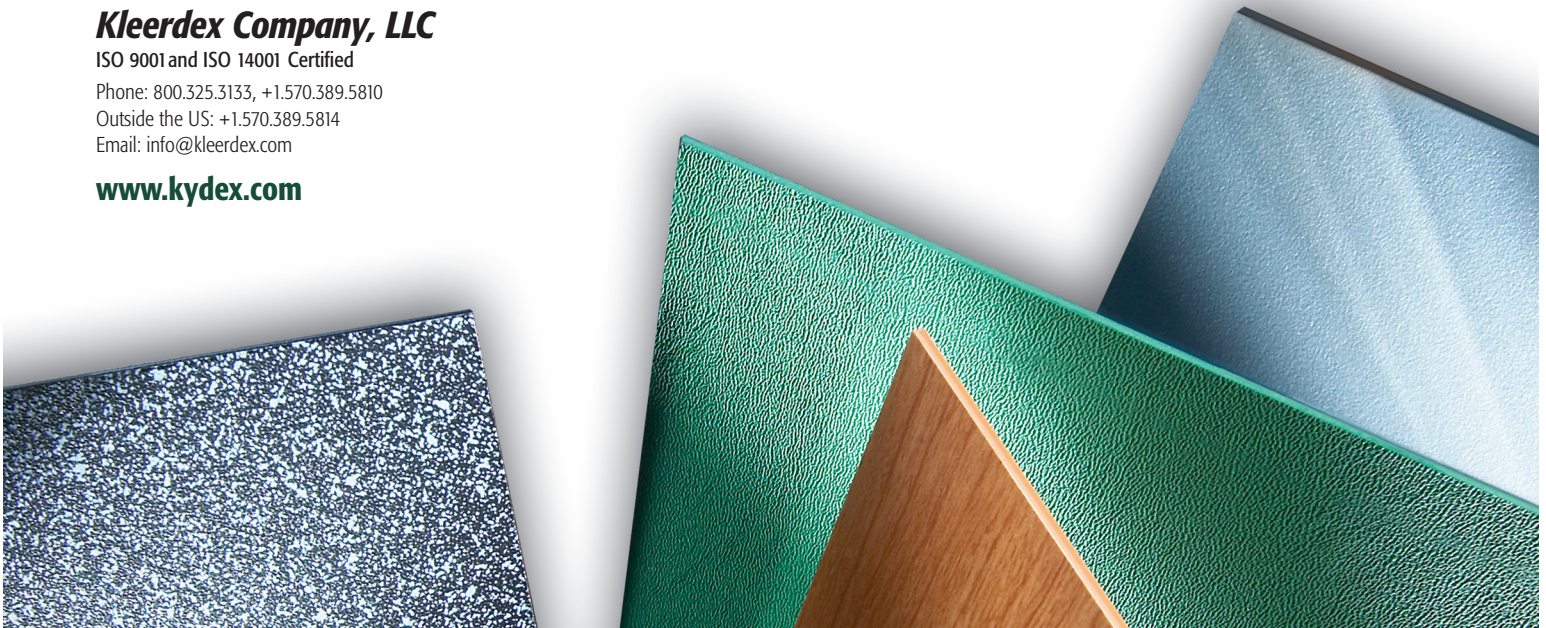
ISO 9001 and ISO 14001 Certified

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Email: info@kleerdex.com

www.kydex.com



KYDEX® Thermoplastic Sheet Grades For Medical Applications

Below is a partial listing of KYDEX sheet rated for medical applications. For a comprehensive listing please visit www.kydex.com or contact a Kleerdex representative.

	<i>Izod Impact Resistance</i> at 22.8° C (73°F) (ASTM D256)	<i>Modulus of Elasticity</i> (ASTM D-790)	<i>Tensile Strength</i> (ASTM D-638)	<i>Rockwell Hardness</i> (R scale) (ASTM D-785)	<i>Heat Deflection Temp</i> @ 1.82MPa (264 psi) (annealed) (ASTM D-648)	<i>Thicknesses</i>	<i>UL Std 94 V-0 & 5V</i> Fire Rating
<p>KYDEX® T Cost competitive with fire retardant ABS/PVC (FR-ABS) formulations but exhibits significantly higher impact strength and extensibility. Integral solid colours.</p>	801 J/m (15 ft-lbs/in)	2,480 MPa (360,000 psi)	42 MPa (6100 psi)	94	75.6° C (168° F)	0.70mm (0.028") to 12.70mm (0.500")	●
<p>KYDEX® 100 Integral solid colours.</p>	961 J/m (18 ft-lbs/in)	2,310 MPa (335,000 psi)	42 MPa (6100 psi)	94	78.3° C (173° F)	0.70mm (0.028") to 12.70mm (0.500")	●
<p>KYDEX® 110 Integral metallic colours.</p>	128 J/m (2.4 ft-lbs/in)	2,450 MPa (356,000 psi)	45 MPa (6500 psi)	94	73.9° C (165° F)	0.70mm (0.028") to 9.60mm (0.375")	●
<p>KYDEX® 130 Decorative granite-look sheet. It is Underwriter's Laboratories, Inc® recognized Std 94 V-0, 5V in all thicknesses and UL classified Class I/A for non-wall-covering building product applications.</p>	187 J/m (3.5 ft-lbs/in)	2,372 MPa (344,000 psi)	41 MPa (6000 psi)	101	76.7° C (170° F)	0.70mm (0.028") to 9.60mm (0.375")	●
<p>KYDEX® 510 Weatherable and decorative sheet. Acrylic cap protects the surface providing excellent weatherability for outdoor use.</p>	801 J/m (15 ft-lbs/in)	2,480 MPa (360,000 psi)	42 MPa (6100 psi)	94	75.6° C (168° F)	1.00mm (0.040") to 9.60mm (0.375")	●
<p>KYDEX® V Recycled grade that is cost competitive with other grades of thermoplastic sheet while offering improved performance. Available only in Black (52114).</p>	427 J/m (8 ft-lbs/in)	2,068 MPa (335,000 psi)	42 MPa (6100 psi)	88	78° C (173° F)	0.70mm (0.028") to 9.60mm (0.375")	
<p>KYDEX® XD Membrane Press Grade Extreme Durability, superior impact 3D laminate with integral colours.</p>	48.58 N-m 430 in-lbf Gardner Drop Dart (25.40mm [1.0"] MDF)	2,480 MPa (360,000 psi)	42 MPa (6100 psi)	94	75.6° C (168° F)	0.76mm (0.030") only	
<p>KYDEX® WG Membrane Press Grade Decorative Wood Grain 3D laminate with integral colours.</p>	35.06 N-m 310 in-lbf Gardner Drop Dart (25.40mm [1.0"] MDF)	3,367 MPa (489,000 psi)	50 MPa (7200 psi)	114	75.1° C (167° F)	0.76mm (0.030") only	

