

The Knook

Built to Last Using KYDEX® T

The Opportunity

The healthcare industry is constantly looking for ways to streamline facilities, increase safety and improve the patient experience. As a result, Knú Healthcare, one of the nation's largest healthcare furniture suppliers, sought to design an attractive, durable and functional replacement for the traditional bedside stand that would also provide storage for a patient's personal articles.

The KYDEX Solution

A careful analysis of material options led Knú Healthcare to specify KYDEX® T for the tabletop, sides, storage bins and tambour door of their latest innovation – The Knook. Due to the superior properties of KYDEX® T, these easy-to-clean surfaces are able to withstand the rigors of a hospital environment. The Knook boasts resistance to color degradation, UV light, heat exposure, dents, corrosion, detergents and disinfectants. Plus, the expert ability of KYDEX to match colors ensures that The Knook can complement any patient room design.



The Knook:

- Height: 29" to 46"
- Tabletop: 46" long x 19" wide
- Base: 2" or 2 5/8" thick / 46" long x 19" wide
- Storage bins: 13.6" x 9.6" x 4"

"The Knook demonstrates the best use of KYDEX® T. Chosen for its durability, impact and scratch resistance, plus superior cleanability, The Knook will look fresh for years to come as a result of prudent material selection."

– Mike Karr, North American Sales Manager for KYDEX, LLC

The Knook

Designed to accommodate all hospital floor plans, The Knook is engineered for simplicity. Its seamless, thermoformed tabletop made of KYDEX® T has eased edges for patient comfort and a spill containment area that retains more than 40 ounces of liquid. The Knook also features a shelf for holding laptops, magazines or books; a tambour door for easy accessibility and storage of personal items; a shoe mover to store footwear and eliminate tripping hazards; storage bins accessible from both sides; dual casters for mobility; and an optional, removable cup holder.

The Advantages of KYDEX® T

Easy to form with excellent part definition, KYDEX® T is a proprietary thermoplastic sheet that is among the most rigid of thermoforming materials with a modulus of elasticity of 2,482 MPa (360,000 psi). It is available in eight thicknesses from 0.71mm (0.028"), nine textures and a wide variety of colors.

Cost competitive with fire retardant ABS (FR-ABS), KYDEX® T also features significantly higher impact strength and extensibility. Less hygroscopic, this sheet typically does not require pre-drying. In addition, KYDEX® T provides uniform forming with less wall thinning and significantly greater resistance to a broad range of corrosive chemicals and cleaning solutions.



KYDEX® T MB features the added benefit of Microban® antimicrobial protection. Microban® inhibits the growth of bacteria that can cause stains, odors and product deterioration. An integral part of the sheet, it won't wash or wear away, keeping the surface fresher between cleanings for the entire life of the product.

Suggested applications for KYDEX® T and KYDEX® T MB include medical products, aircraft interiors, mass transit vehicle interior components, equipment and kiosk housings.

KYDEX, LLC

ISO 9001 and 14001 Certified

Customer Service

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www.kydex.com

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About KYDEX

KYDEX, LLC is a global leader in specialty thermoplastic sheet manufacturing. Uniquely able to produce products for applications requiring extreme durability and chemical resistance, KYDEX provides medical-grade thermoplastic materials to medical device and equipment enclosure designers throughout the world. KYDEX has a proven track record of delivering consistent, high-quality product in accelerated timeframes.

Learn more about KYDEX at kydex.com.

About Knú Healthcare

Knú Healthcare creates original designs that are manufactured in West Michigan by Industrial Woodworking Corporation. IWC supplies high-quality furniture to some of the largest office furniture manufacturers and one of the largest healthcare furniture suppliers in the United States. Knú Healthcare is a member of the Sustainable Furniture Council, and pledges their commitment to promoting sustainable practices.



Learn more about The Knook at getknu.com.

About Microban

Microban International, Ltd. is the global leader in built-in antimicrobial product protection, engineering durable antimicrobial solutions for consumer, industrial and medical products around the world. Microban uses a broad range of antimicrobial technologies that can be engineered into a breadth of materials including polymers, textiles, coatings, paper and adhesives.

Built in to products during the manufacturing process, Microban® antimicrobial product protection inhibits the growth of microbes, such as bacteria, mold and mildew, that can cause stains, odors and deterioration of a product. The Microban brand is your assurance of continuous, durable and effective antimicrobial protection that will provide an added level of defense against damaging microbes for the useful lifetime of the product.

For more information, go to microban.com.

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