



## Together We Can Create Better Patient Experiences

Today's patients expect to receive care in a clean, warm, and welcoming environment. We understand it can be challenging to source materials that are both aesthetically pleasing and able to withstand the daily rigors of a busy medical facility.

Thermoplastics are durable, chemical resistant, and provide a wide range of options for design. Their integral color and effect keep surfaces looking new, longer than traditional materials like fiberglass, painted metal, or high pressure laminates.

Elevate your products' design and create a better use case for your medical devices and diagnostic equipment—from hospital rooms, to offices, to in-home use. Our products meet or exceed regulatory compliance and safety standards and are ideal for the following applications:

- Diagnostic Imaging—MRI, MRA, CT, Nuclear & Molecular Imaging, Ultrasound, etc.
- Patient Monitoring
- Architecture, Furniture, Patient Handling—Lifts, Stretchers, Beds
- Dispensary Products and more... wherever your imagination takes you



### Why SEKISUI SPI Thermoplastics?

Our team will work with you to move from design to prototype faster, and more cost-effectively. SEKISUI SPI's thermoplastics offer design freedom and are ideal for medical components requiring customization for texture, color, and embossing to match hospital design and branding requirements.

- Chemical and wear resistant
- Cost savings over other materials
- Part weight reductions

**SEKISUI SPI's thermoplastics are ideal for these medical device applications:**

#### Critical Care

- Monitoring
- Anesthesia Machines
- Operating Tables

#### Patient Handling

- Patient Beds

#### Diagnostic Imaging

- MRI
- X-Ray
- Ultrasound

#### Laboratory Equipment

- Blood Analyzers

#### Architecture

- Patient Headwall Systems,
- Mobile Carts
- Over-bed Tables

# Medical Market Material Reference Guide











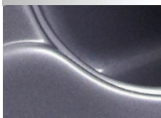
Product	Approximate Premium Over KT	Minimum Pounds for Custom Run (Metric)	Thickness (Metric)	Textures	Lead Info	Other Details	Bio Compatible (X= Certified O = Compliant)
KYDEX® T		600 (250 kg)	.028" - .400" (.7mm - 10.2mm)	P1, P3, PK	3 Weeks	UL 94V-0, 5VA @ 3mm, 5VB @ <3mm	X
				P8, PA, PC, PE	4 Weeks		
KYDEX® T MB	x 1.2	600 (250 kg)	.028" - .400" (.7mm - 10.2mm)	P1, P3, PK	3 Weeks	UL 94V-0, 5VA @ 3mm, 5VB @ <3mm, Anti-Microbial	O
				P8, PA, PC, PE	4 Weeks		
KYDEX® T LW	x 1.25	600 (250 kg)	.047" - .250" (1.2mm - 6.4mm)	P1, P3	3 Weeks	10% Weight Savings	O
				PC	4 Weeks		
KYDEX® 100	x 1.3	600 (250 kg)	.028" - .400" (.7mm - 10.2mm)	P1, P3	3 Weeks	UL 94V-0, 5VA @ 2mm, 5VB < 2mm	X
				P8, PC, PE	4 Weeks		
KYDEX® 110	x 2	600 (250 kg)	.028" - .250" (.7mm - 6.4mm)	P3, PK	3 Weeks	Metallic Effect	O
				P8, PE	4 Weeks		
KYDEX® 430	x 1.4	600 (250 kg)	.028" - .400" (.7mm - 10.2mm)	P1, P3	3 Weeks	Meets Ball Pressure 60695-10-2, UL94V-0, 5V @ 1mm	X
				P8, PC, PE	4 Weeks		
KYDEX® XD	x 1.0	600 (250 kg)	.030" / .040" (.76mm - 1mm)	PK	3 Weeks	57" (1448 mm) Standard Width; Lamination Grade	
KYDEX® XD 03	x 1.75	600 (250 kg)	.030" / .040" (.76mm - 1mm)	PK	3 Weeks	57" (1448 mm) Standard Width; Lamination Grade	
KYDEX® XD WG	CALL CC Team	600 (250 kg)	0.036" (.9mm)	P8	3 to 5 weeks	57" (1448 mm) Standard Width; Lamination Grade	
ALLEN® 8200BC	x 1.2	5000 (2250 kg)	.060" - .350" (1.5mm - 8.9mm)	Duratex, LT/HC, DP/HC, Santex, Smooth	8 weeks to MFR after color approval (2-4 weeks)	Biocompatible, UL 94 V-0	X
ALLEN® 8300FR	x 1.6	1000 (450 kg)	.060" - .350" (1.5mm - 8.9mm)	Duratex, LT/HC, DP/HC, Santex, Smooth	4 weeks to MFR after color approval (1 week)	UL 94 V-0 @ 1.5mm, 5VA @ 3mm	

## Connect with SEKISUI SPI

See medical devices and diagnostic equipment in a new light with our knowledgeable and collaborative team of experts. We are ready to provide superior support in solving the industry's most challenging demands.

Reimagine the future of your product, call **800.325.3133** or email us at [info@sekisui-spi.com](mailto:info@sekisui-spi.com) today!

## SEKISUI SPI Products for Medical Applications

	Product	UL Std 94	ASTM E84	Fabrication	IEC60695-10-2 (Ball pressure test)	ISO 10993 Bio-Compatible
	<b>KYDEX® T</b> High-impact alternative to ABS, meets UL 94 V-0	■		TF		■
	<b>KYDEX® T-MB</b> High-impact, fire-rated sheet with antimicrobial protection	■		TF		■
	<b>KYDEX® XD</b> Extreme durability, superior impact, thermoplastic 3D laminate		■	MP, FL		
	<b>KYDEX® XD03</b> Integral pearlescent, high-performance thermoplastic sheet		■	MP, FL		
	<b>KYDEX® XDWG</b> Decorative wood grain, thermoplastic 3D laminate (Capped)		■	MP, FL		
	<b>KYDEX® 110</b> Fire-rated metallic sheet with excellent durability	■		TF		
	<b>KYDEX® 430</b> ABS/PVC blend specifically for Medical industry	■		TF	■	■
	<b>ALLEN® 8300FR</b> PC/ABS blend, high-impact, flame retardant, and heat resistant. Resin rated for UL 94 V-0	■		TF	■	
	<b>ALLEN® 8200BC</b> FRPC/ABS blend, high-gloss, high-impact	■		TF	■	■
	<b>ALLEN® 2065MT*</b> Matte gloss ABS, suitable for machinery housings, furniture shrouds and panels	■				
	<b>ALLEN® 2185HG*</b> High gloss ABS suitable for machinery housings, furniture shrouds, and panels	■				

FL—Flat Lamination MP—Membrane Press TF—Thermoform

\*FDA ABS available if required

### Connect with SEKISUI SPI

See medical devices and diagnostic equipment in a new light with our knowledgeable and collaborative team of experts. We are ready to provide superior support in solving the industry's most challenging demands.

Reimagine the future of your product, call **800.325.3133** or email us at [info@sekisui-spi.com](mailto:info@sekisui-spi.com) today!