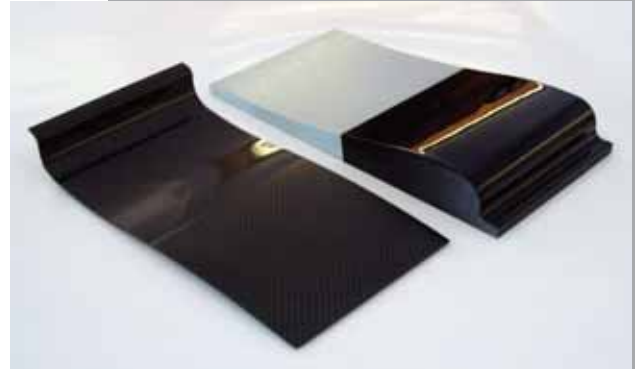


CTB-44 Toolboard

High temperature, long life
and easily machined for
smooth surface finishes

CTB-44 is manufactured by CMT Materials for a wide variety of vacuum forming applications. It is suitable for use up to 250°F (121°C). CTB-44 utilizes a copolymer base material and smaller cell structure than most boards, providing improved mechanical properties and a smoother surface finish.

- **Excellent Machinability**
- **Superior Edge Definition**
- **Good Dimensional Stability**
- **Outstanding Surface Finish**



Typical Properties

Color	Blue Gray
Density	44 lb/ft ³ [704 kg/m ³]
Hardness	80 Shore D
Flexural Strength	6470 psi [44.6 Mpa]
Flexural Modulus	334,000 psi [2300 Mpa]
Compressive Strength	8,010 psi [55.2 Mpa]
Compressive Modulus	290,000 psi [2000 Mpa]
Glass Transition Temp	285°F [140°C]
Coefficient of Thermal Expansion (CTE)	22 x 10 ⁻⁶ in/in/°F [39.6 x 10 ⁻⁶ m/m/°C]

Available Sizes

1.0" x 24" x 26"	[25 x 610 x 660 mm]
1.0" x 24" x 60"	[25 x 610 x 1524 mm]
1.5" x 24" x 26"	[38 x 610 x 660 mm]
2.0" x 24" x 26"	[51 x 610 x 660 mm]
2.0" x 24" x 60"	[51 x 610 x 1524 mm]
2.5" x 24" x 26"	[64 x 610 x 660 mm]
3.0" x 24" x 26"	[76 x 610 x 660 mm]
3.0" x 24" x 60"	[76 x 610 x 1524 mm]
3.5" x 24" x 26"	[89 x 610 x 660 mm]
4.0" x 24" x 26"	[102 x 610 x 660 mm]
4.0" x 24" x 60"	[102 x 610 x 1524 mm]
4.5" x 24" x 26"	[114 x 610 x 660 mm]
5.0" x 24" x 60"	[127 x 610 x 1524 mm]
6.0" x 24" x 26"	[152 x 610 x 660 mm]
6.0" x 24" x 60"	[152 x 610 x 1524 mm]

Custom cut sizing available upon request

Applications

CTB-44 is an excellent choice for constructing forming tools, master models, fixturing and other heat resistant applications. It may also be used for composite fabrication in prepreg and autoclave cur, wet lay-up, vacuum infusion and other composite processes.



**Innovative Tooling Materials
for Thermoforming**

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