

Epoxy Syntactic Foam

HYTAC-WFT combines high temperature resistance, smooth surface properties and excellent material distribution. HYTAC-WFT has a PTFE impregnation for low stick surface capability and improved transparency.

Thermoforming applications

- PET
- PS
- HDPE
- PVC
- EVOH
- PMMA

Benefits

- Smooth surface properties
- Low stick capability
- High temperature resistance
- Excellent material distribution

Machining and Polishing Guides

HYTAC materials are generally easy to machine and polish. Following the CMT guidelines will improve surface quality and consistency in plug performance.

THERMOSET

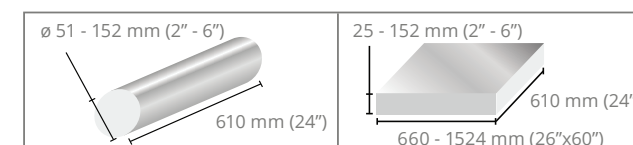
Material	WFT
Color	Light Green
Density (p)	59-63 lb/ft ³ [945 – 1009 kg/m ³]
Thermal Conductivity (k)	0.11 BTU/hr-ft-° F [0.19 W/m-°K]
Coefficient of Thermal Expansion(CTE)	20.4 x 10 ⁻⁶ in/in-°F [41 x 10 ⁻⁶ m/m-°C]
Compressive Strength	17,500 psi [120.7 Mpa]
Service Temperature	425°F [218 °C]
Flexural Toughness (ASTM D790)	4.5psi [18.6 kPa]

Custom Cut Service



Get your material custom cut!
Contact CMT Materials for
information and prices.

Standard Dimensions (larger rod diameters available on request)



W / WF / WFT / FLX / FLXT / C1R: standard tolerances are +0%, -1.5% of thickness or diameter.
B1X / XTL: standard tolerances are +0.187" (5mm), - 0.0" (0mm) of thickness or diameter.