

HYTAC-WF Epoxy Syntactic Foam

HYTAC-WF is a high temperature epoxy syntactic material that provides improved clarity when forming APET and other clear polymers.

WF also performs well with HDPE and CPET.

THERMOFORMING APPLICATIONS

- ▶ PET
- ▶ PS
- ▶ HDPE
- ▶ PVC

BENEFITS

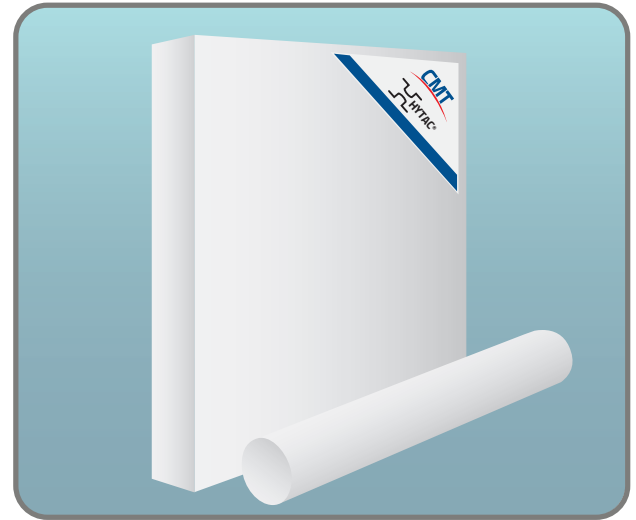
- High temperature resistance
- Smaller microspheres for good surface results
- Improved material distribution compared to basic alternatives
- Low thermal expansion for better process stability.

Machining and Polishing Guides

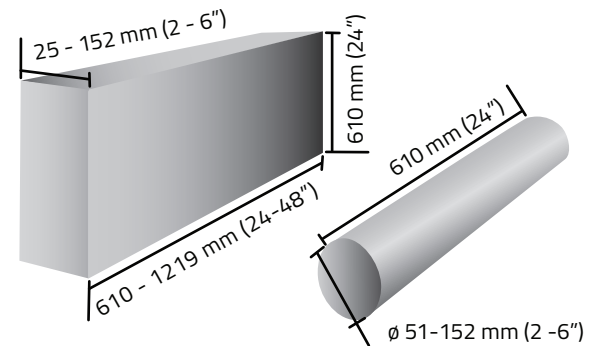
HYTAC materials are generally easy to machine and polish. Following the CMT guidelines will improve surface quality and consistency of plug performance.

THERMOSET

Material	WF
Color	White
Density (p)	53-57 lb/ft ³ [849-913 kg/m ³]
Thermal Conductivity (k)	0.11 BTU/hr-ft-°F [0.19 W/m ² K]
Coefficient of Thermal Expansion (CTE)	18 x 10 ⁻⁶ in/in/°F [32 x 10 ⁻⁶ m/m/°C]
Compressive Strength	18,000 psi [124 MPa]
Service Temperature	450° F [232° C]
Flexural Toughness (ASTM D790)	4.7 Psi [32.4 kPa]
Standard Tolerances	+0%, -1.5%



STANDARD DIMENSIONS



(larger diameters available upon request)

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Once Approved, place HYTAC & METAPOR orders anytime!

CUSTOM CUT SERVICE



Need Material Custom Cut?
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