

## HYTAC-W Epoxy Syntactic Foam

HYTAC-W is a syntactic foam formulated with an epoxy resin for short run or price sensitive applications.

The material provides cost-effective, low thermal conductivity plugs for quick start-up times, great material distribution and improved surface appearance.

## THERMOFORMING APPLICATIONS

► PS

► PE

## BENEFITS

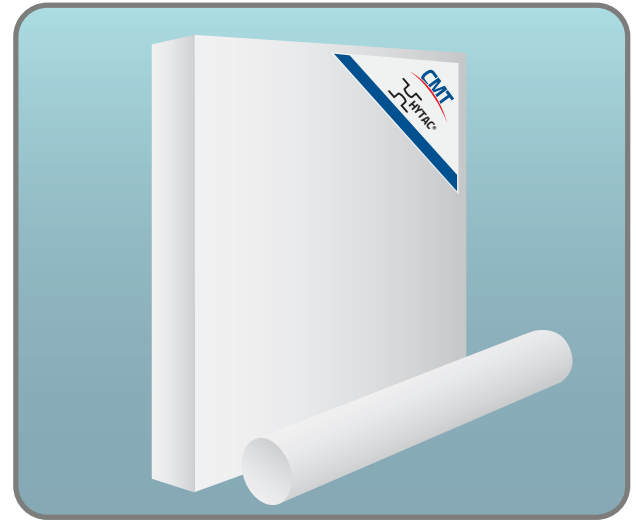
- Low heat transfer providing reduced warm-up times
- Improved material distribution compared to basic alternatives
- Low thermal expansion for better process stability

### Machining and Polishing Guides

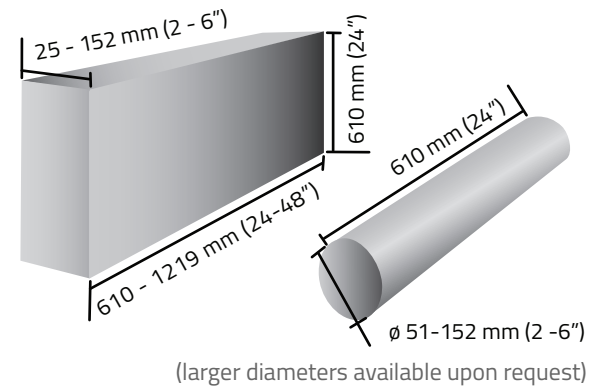
HYTAC materials are generally easy to machine and polish. Following the CMT guidelines will improve surface quality and consistency of plug performance.

## THERMOSET

Material	W
Color	White
Density (p)	41-45 lb/ft <sup>3</sup> [657-721 kg/m <sup>3</sup> ]
Thermal Conductivity (k)	0.07 BTU/hr-ft-°F [0.11 W/m <sup>2</sup> K]
Coefficient of Thermal Expansion (CTE)	22 x 10 <sup>-6</sup> in/in/°F [39 x 10 <sup>-6</sup> m/m/°C]
Compressive Strength	6,200 psi [42.7 MPa]
Service Temperature	350° F [176° C]
Flexural Toughness (ASTM D790)	2.7 Psi [18.6 kPa]
Standard Tolerances	+0%, -1.5%



## STANDARD DIMENSIONS



Buy Online at [HYTACdirect.com](http://HYTACdirect.com)

Register as a new HYTAC Direct Customer to see Pricing.  
Once Approved, place HYTAC & METAPOR orders anytime!

## CUSTOM CUT SERVICE



Need Material Custom Cut?  
Contact CMT for Details and Pricing.