

HYTAC-XTL Thermoplastic Syntactic Foam

HYTAC-XTL is the latest generation of syntactic foams with enhanced toughness and superior machinability. This material is easy to machine and polish without dust.

HYTAC-XTL is suitable for a wide range of plastics and allows users to machine fine details.

THERMOFORMING APPLICATIONS

- ▶ PET
- ▶ PP
- ▶ PS
- ▶ PVC
- ▶ PLA

BENEFITS

- Strongest available syntactic foam
- Dust-free machining and polishing.
- Widely suitable with nearly all plastics
- Excellent material distribution.

Machining and Polishing Guides

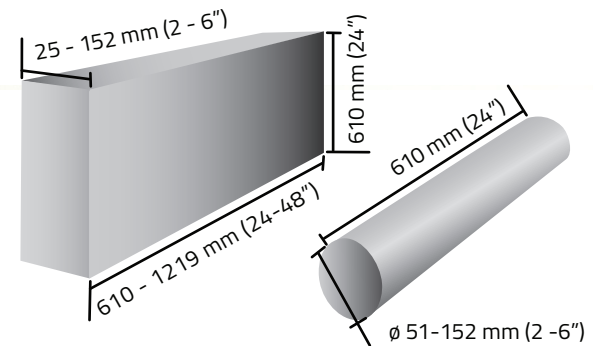
HYTAC materials are generally easy to machine and polish. Following the CMT guidelines will improve surface quality and consistency of plug performance.

THERMOPLASTIC

Material	XTL
Color	Mauve
Density (p)	42-46 lb/ft ³ [672-737 kg/m ³]
Thermal Conductivity (k)	0.10 BTU/hr-ft-°F [0.17 W/m ² K]
Coefficient of Thermal Expansion (CTE)	32 x 10 ⁻⁶ in/in/°F [57.6 x 10 ⁻⁶ m/m/°C]
Compressive Strength	10,215 psi [70.4 MPa]
Service Temperature	350° F [176° C]
Flexural Toughness (ASTM D790)	23.7 Psi [163.4 kPa]
Standard Tolerances	+0.187" (5mm), - 0.0" (0mm)



STANDARD DIMENSIONS



(larger diameters available upon request)

Buy Online at 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?
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