



# Copolymer Syntactic Foam



**HYTAC-HTF High Temperature and High Friction is the ideal product for many “sticky” materials. This copolymer syntactic foam can operate at higher temperatures while allowing lower heat transfer between the plug and sheet.**

**HTF promotes even wall thickness throughout the entire part and is excellent for deep draw applications due to its high friction and exhibits minimal plastic build up when in contact with barrier films and other multi-layer applications.**

### Recommended for use with:

- PP
- PLA
- PVC
- HIPS
- APET
- CPET
- RPET
- PETG
- MULTILAYER

### Machining and Polishing Guides

HYTAC-HTF machines as medium flake. HTF’s unique formulation and microsphere size allows it to be polished to a mirror like finish. See later pages in this brochure for guidance or visit our website [www.cmtmaterials.com](http://www.cmtmaterials.com) for detailed instructions.



COPOLYMER	
Material	HTF
Color	Violet
Density	900 kg/m <sup>3</sup>
Thermal Conductivity	0.18 W/m·K
Coefficient of Thermal Expansion (CTE)	31 x 10 <sup>-6</sup> m/m/°C
Compressive Strength	65 Mpa
Service Temperature	230 °C
Flexural Toughness (ASTM D790)	62.0 kPa

### Custom Cut Service



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

### Standard Dimensions (larger rod diameters available on request)

