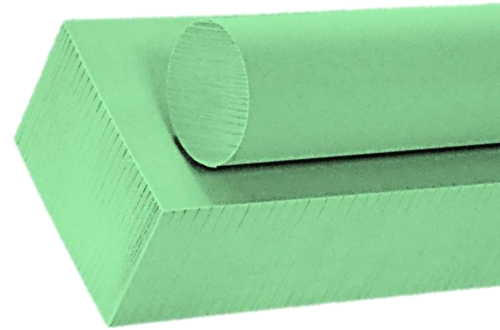




THERMOPLASTIC SYNTACTIC FOAM

LOW-STICK
WITH TEFLON®



➤ OVERVIEW

OptiForm FXT is a **plug assist** material which combines the toughness of engineering **thermoplastics** with the low thermal conductivity of a **syntactic foam**.

OptiForm FXT eliminates machining dust compared to standard syntactic green material.

The formulation has been designed to **minimize plug/sheet friction** and get the best material thickness distribution for multilayer film.

OptiForm FXT gives a **very smooth finish surface**.

➤ TECHNICAL PROPERTIES

Color:	Green
Density (ρ)	790 - 830 kg/m ³
Thermal Conductivity (k)	0.17 W/m ^{°K}
Coef. Therm. Expansion (CTE)	59 x 10 ⁻⁶ m/m/°C
Compressive Strength	73 Mpa
Compressive Modulus	2.0 Gpa
Service Temperature	180 °C



NO DUST

**MACHINING
CHIPS**



➤ BENEFITS

High Toughness and Durability



With high toughness, machine downtime due to damaged plugs is reduced. Less downtime, lower costs, more consistent quality.

Superb Machinability



No dust collection equipment or respirators are required due to the large, non-abrasive chips. Plugs can be machined over three times faster than copolymer or epoxy syntactic foam due to the easy chip formation.

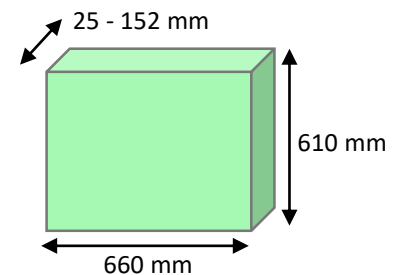
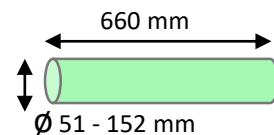
No more complaints from your machinists.

Excellent Sheet Release



OptiForm FXT is specially formulated with PTFE to reduce coefficient of friction between plug and sheet.

➤ STANDARD SIZES



➤ **OPTICUT**

Get your custom size, contact CGP Europe!

➤ APPLICATIONS

OptiForm FXT may be used in a wide variety of applications on sheet-fed, rotary, or in-line machines.

It may also be used with most commonly thermoformed materials but specially for **Multilayer**.

OptiForm FXT is ready to replace other materials such as Hytac® FLXT and WFT.