



CGP Europe is the acknowledged leader in plug assist thermoforming materials. Working directly with thermoformers, tool & mold makers and machine builders, we have developed a family of products that allow our customers to utilize the right material for their specific part and sheet application. The HYTAC® products are available in rod, sheet and block, in a wide variety of sizes. Customer's needs are also met with a one-part castable system, custom cast and custom cutting. A large inventory of product on-hand normally means shipment on the day of order.

**HYTAC-BIX**

Tough, Easily Machined Thermoplastic Syntactic  
+5 à 35 % of productivity with PP or PET

**HYTAC-FLX**

New! Flexible Epoxy Co-polymer Syntactic  
+5 à 35 % of productivity with PP or PET

**HYTAC-FLXT**

Teflon® Ultra-Smooth FFS Recommended  
+5 à 25 % productivity with EVOH , PP/EVOH/PP, PET/PE.

**HYTAC-WFT**

Teflon® Ultra-Smooth 218 °C FFS Recommended  
+5 à 25 % of productivity with PE , PS, PVC/PE

**HYTAC-W**

The Economical Solution

**HYTAC LP**

Dedicated or Large Plug

**HYTAC-V** Durable, easily polished thermoplastic syntactic

**THE HYTAC® FAMILY OF PLUG ASSIST PRODUCTS**

Product	Color	Use Temp	Thermal Conductivity (W/m·°K)	Density (kg/m <sup>3</sup> )	Compressive Strength (Mpa)	Coeff. Thermal Expansion X 10 <sup>-6</sup> (m/m/°C)
HYTAC-W	White	176 °C	0.11	690	43	41
HYTAC-WFT	Light Green	218 °C	0.19	930	120	37
HYTAC-FLXT	Green	176°C	0.17	805	93	36
HYTAC-FLX	Almond	176 °C	0.11	740	92	42
HYTAC-BIX	Litght Blue	176 °C	0.18	680	49	68
HYTAC-LP	Almond	176 °C	0.12	515	7	40
HYTAC-V	Violet	176°C	0.12	768	43	76

Benefit Comparison	HYTAC Product							Guide
	W	WFT	BIX	FLX	FLXT	LP	V	
Cost	1	2	3	2	3	1		1= Low, 5 = High
Abuse Resistance	1	3	5	4	4	2		1= Fair, 5 = Excellent
Ease in Machining	2	3	5	4		2	5	1= Difficult, 5 = Easy
Plug Detail	1	2	5	3	3	2		1= Fair, 5 = Excellent
Polishing	4	5	2	4	5	4	4	1= Difficult, 5 = Easy
Part Clarity	3	5	4	3	5	3		1= Fair, 5 = Excellent
Low Stick	2	5	3	3	5	2	3	1= Fair, 5 = Excellent
Proven Sheet Result								
PS	*	***	*	*	*	**	*	
PVC	*	***	**	**	*	**	*	
PE		****	*	*	***	**		
PET	*	**	***	****	**	**	***	
APET		**	***	****	**	**	***	
CPET		****	**	*	*	**	**	
PETG		**	***	****	**	**	***	
PP			****	****		**	***	
CoEx		***	*	*	****	*	*	FLXT Special EVOH