



Move Forward with TriboShield® Coating Solutions



TriboShield® coated products examples

TriboShield® TS741

TS741 is based on high-performance thermoplastics specifically developed for demanding and heavy duty applications. Very high load bearing capacity and low friction at moderate to high loads are some of its standout features. TS741 is part of the standard TriboShield® product range.

TYPICAL APPLICATIONS

- Highly loaded mechanisms
- Mechanisms requiring lifetime lubrication in dry conditions
- Submerged parts requiring corrosion protection
- Harsh chemical environments
- Braking systems, cutting blades...

UNIQUE CHARACTERISTICS

- Very high load bearing capacity
- Excellent wear resistance and sliding properties
- Very low friction in medium to high load conditions
- Very good non-stick properties

TRIBOMATE® UPGRADE AVAILABLE

Yes



TECHNICAL DATA

COATING PROPERTY	UNIT	VALUE
Color	-	Black
Maximum continuous service temperature	°C / °F	260 / 500
Maximum short-term peak temperature	°C / °F	270 / 518
Friction coefficient, typical range*	-	0.04 - 0.25
Food contact compliant**	-	No

* Dependent on contact pressure, sliding speed and contact geometry.

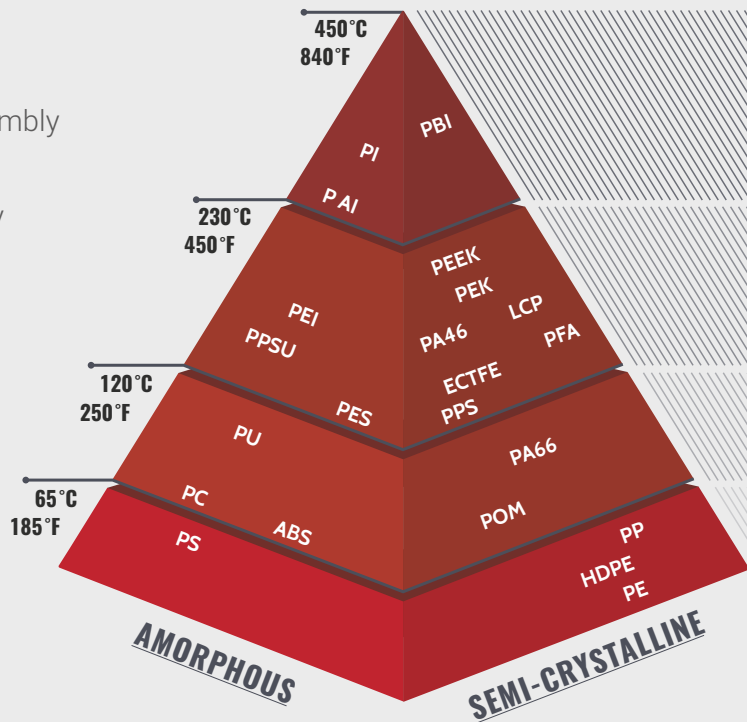
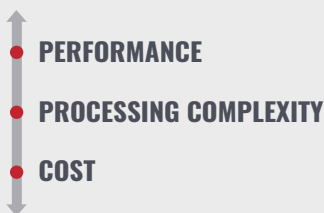
** Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.

TriboShield® Standard Product Range

COATING ADVANTAGES

- More compact design
- Less complex system assembly
- Reduced weight
- Increased surface durability

Standard Coatings Range



PRODUCT RANGE

- TriboShield TS801
- **TriboShield TS741**
- TriboShield TS651
- TriboShield TS501
- TriboShield TS421
- TriboShield TS225
- TriboShield TS161