

Move Forward with TriboShield® Coating Solutions



TriboShield® TS742

TS742 is based on latest generation high-performance thermoplastics, specifically developed for demanding and heavy-duty applications. Extreme load bearing capacity and low friction at moderate to high loads are some of its standout features. TS742 is part of the standard TriboShield® product range.

TYPICAL APPLICATIONS

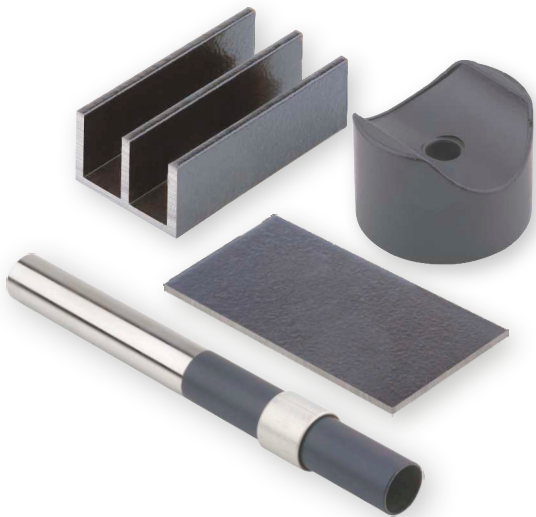
- Highly loaded mechanisms
- Mechanisms requiring lifetime lubrication in dry or lubricated conditions
- Fretting prevention
- Harsh chemical environments
- Mechanical couplings, linear guides, cutting tools, etc.

UNIQUE CHARACTERISTICS

- Extreme load bearing capacity
- Excellent wear resistance and sliding properties
- Very low friction in medium to high load conditions
- Anti-static

TRIBOMATE® UPGRADE AVAILABLE

Yes



TriboShield® coated products examples



TECHNICAL DATA

COATING PROPERTY	UNIT	VALUE
Color	-	Dark grey
Maximum continuous service temperature	°C / °F	260 / 500
Maximum short-term temperature	°C / °F	270 / 518
Friction coefficient, typical range*	-	0.04 - 0.25
Food contact compliant**	-	Yes

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

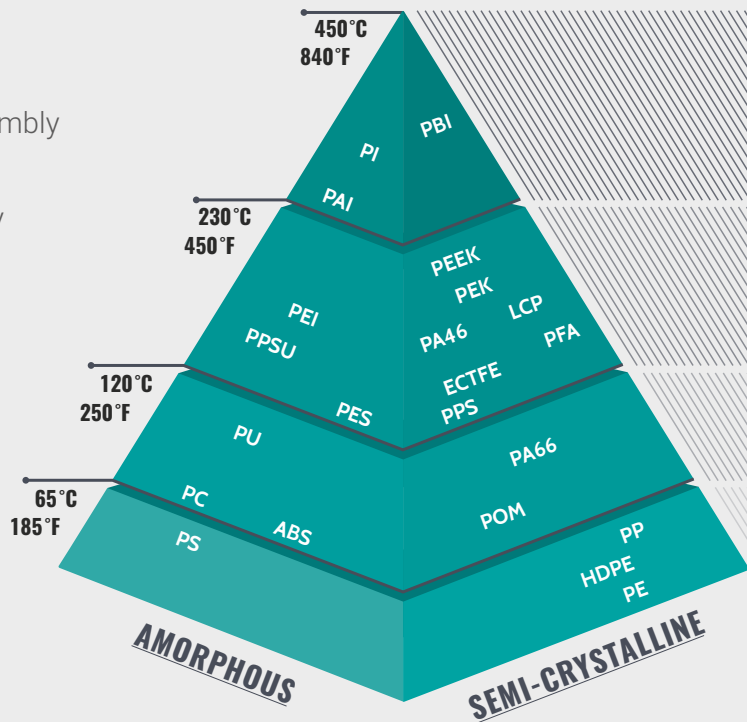
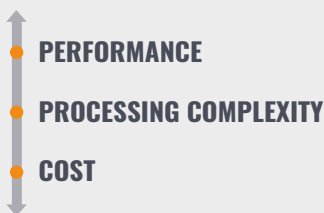
** Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.

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 TS742**
- TriboShield TS741
- TriboShield TS652
- TriboShield TS651
- TriboShield TS650
- TriboShield TS225