

# Move Forward with TriboShield<sup>®</sup> Coating Solutions



TriboShield<sup>®</sup> coated products examples

## TriboShield<sup>®</sup> TS421

TS421 is based on engineering thermoplastics, specifically designed for extremely low friction in lubricated conditions under low loads but presenting good characteristics in dry low load conditions as well. This system comprises a primer layer and an active hybrid top-coat. TS421 is part of the standard TriboShield<sup>®</sup> product range.

### TYPICAL APPLICATIONS

- Pumps
- Hydraulic motors
- Precision linear guides

### UNIQUE CHARACTERISTICS

- Extremely low friction in lubricated condition
- Very low friction in dry conditions at low loads
- Excellent chemical resistance

### TRIBOMATE UPGRADE AVAILABLE

Yes



## TECHNICAL DATA

COATING PROPERTY	UNIT	VALUE
Color	-	black, green, blue
Maximum continuous service temperature	°C / °F	250 / 482
Maximum short-term peak temperature	°C / °F	280 / 536
Friction coefficient, typical range*	-	0.04 - 0.30
Food contact compliant**	-	Yes

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

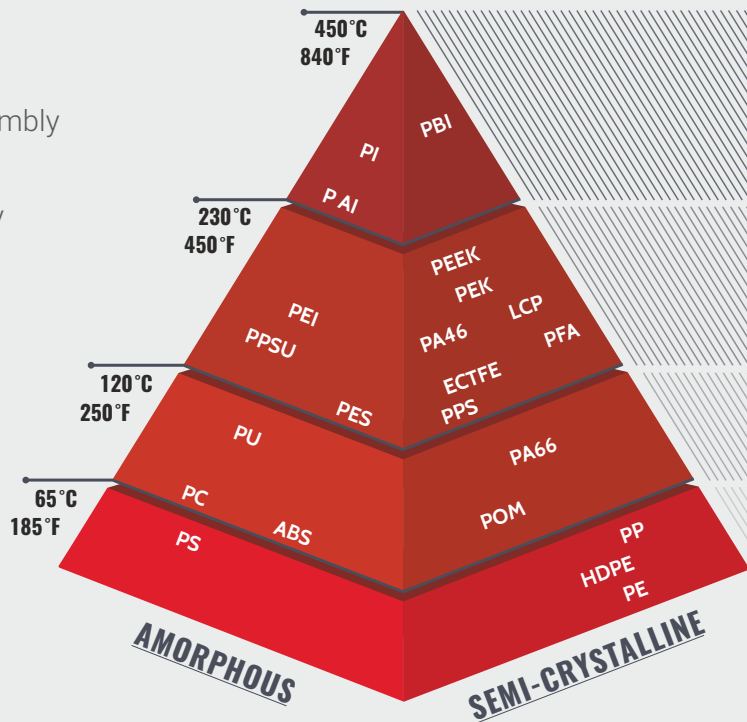
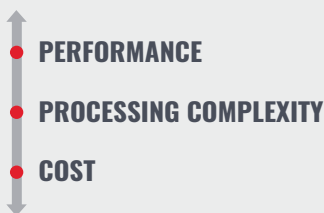
\*\* Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.

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