

Move Forward with TriboShield® Coating Solutions



TriboShield® TS650

TS650 is based on high-performance thermoplastics specifically designed for constant low friction from low to moderately high loads in lubricated conditions. Highly suitable for process fluid or water lubricated contacts. TS650 is part of the standard TriboShield® product range.

TYPICAL APPLICATIONS

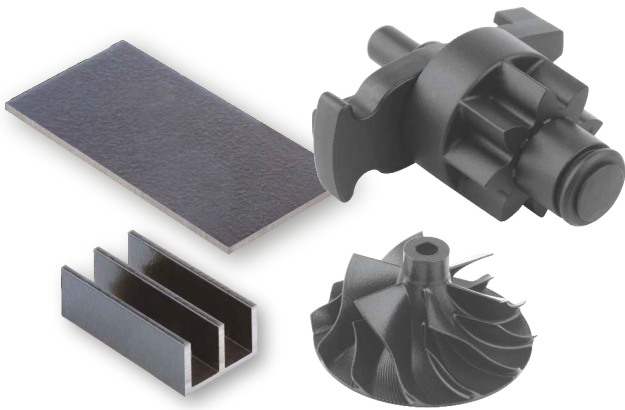
- Hydraulic pumps and motors
- Hydraulic cylinders
- Fluid valves
- Thrust surfaces in gearboxes

UNIQUE CHARACTERISTICS

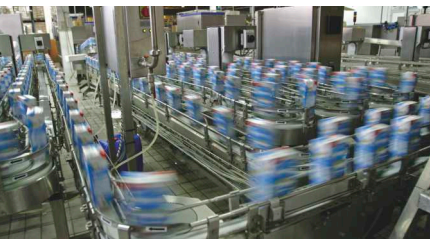
- Excellent performance in lubricated conditions
- Excellent cavitation resistance
- Excellent wear resistance up to moderately high loads
- Good performance in contaminated environment

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 peak temperature	°C / °F	280 / 536
Friction coefficient, typical range**	-	0.08 - 0.35
Food contact compliant***	-	Yes

* Other colors possible upon customization request (limited)

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

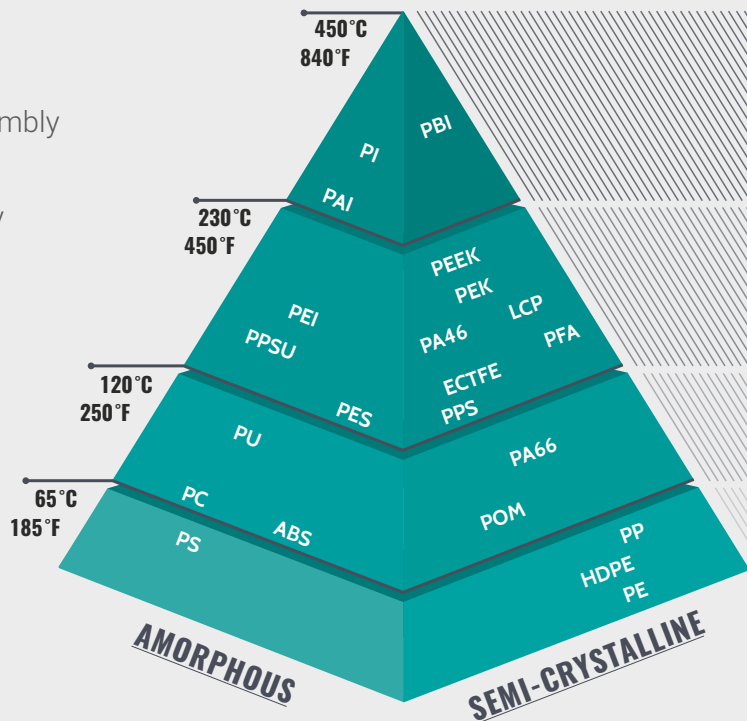
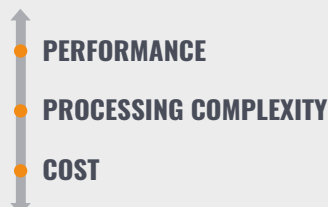
*** Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.

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