

Move Forward with TriboShield® Coating Solutions



TriboShield® TS652

TS652 is based on high-performance thermoplastics specifically designed for constant low friction in contaminated environments. Highly suitable for lubricated applications even in the presence of cavitation phenomena. TS652 is part of the specialized TriboShield® product range.

TYPICAL APPLICATIONS

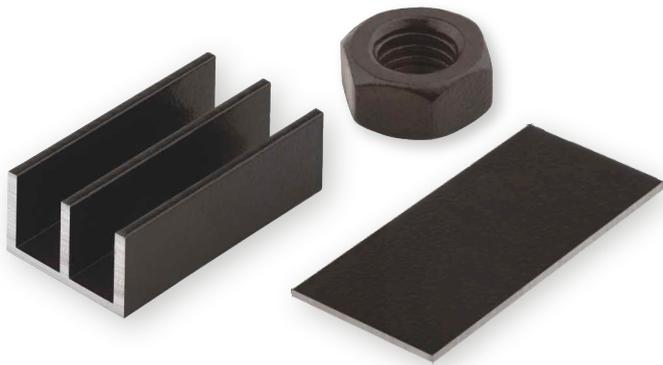
- Mechanisms operating under:
 - Harsh chemical environments
 - Oil lubricated conditions
 - Starved lubrication conditions for transient periods
 - Vacuum
- Mechanisms in lubricated conditions undergoing cavitation
- Submerged parts requiring corrosion protection
- Mechanisms requiring lifetime lubrication in dry conditions

UNIQUE CHARACTERISTICS

- Excellent performance in lubricated conditions
- Food contact compliant
- Very good resistance to 3rd body particles

TRIBOMATE® UPGRADE AVAILABLE

Yes



TriboShield® coated products examples



TECHNICAL DATA

COATING PROPERTY	UNIT	VALUE
Color*	-	natural (beige), black
Maximum continuous service temperature	°C / °F	260 / 500
Maximum short-term peak temperature	°C / °F	280 / 536
Friction coefficient, typical range**	-	0.06 - 0.30
Food contact compliant***	-	yes

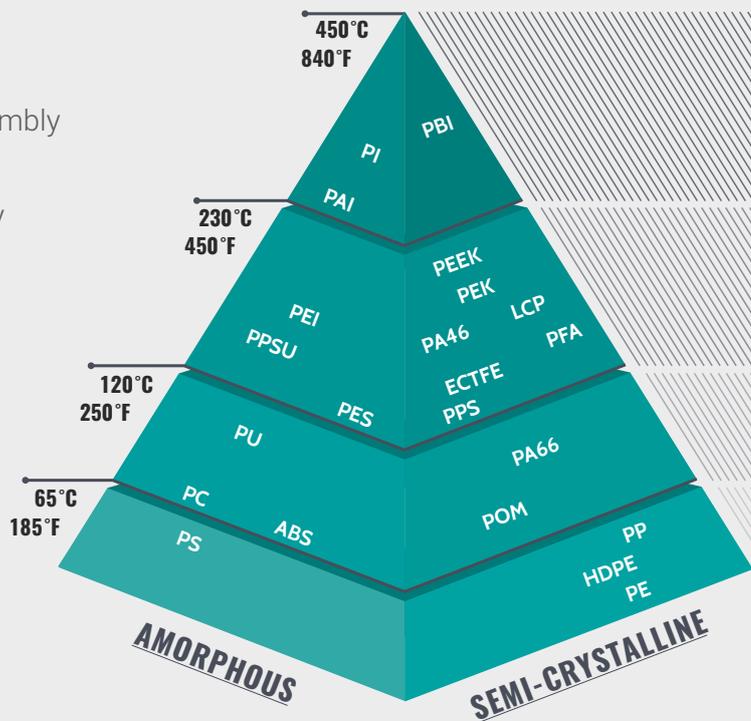
* Other colors possible upon customization request (limited)
 ** Dependent on contact pressure, sliding speed and contact geometry.
 *** Your specific food contact condition may require additional approval.
 Please contact your GGB representative for more information.

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