



Move Forward with TriboShield[®] Coating Solutions



TriboShield[®] coated products examples

TriboShield[®] TS225

TS225 is based on a nanostructured thermoset polymer designed for low friction and high wear resistance at low to medium loads in dry or lubricated conditions. TS225 is part of the standard TriboShield[®] product range.

TYPICAL APPLICATIONS

- Piston skirts for internal combustion engines
- Garden and DIY tools

UNIQUE CHARACTERISTICS

- Excellent friction at high sliding speeds
- Very good friction in lubricated conditions
- Applicable to heat-sensitive substrates
- High surface hardness

TRIBOMATE UPGRADE AVAILABLE

Yes



TECHNICAL DATA

COATING PROPERTY	UNIT	VALUE
Color*	-	Black
Maximum continuous service temperature	°C / °F	120 / 248
Maximum short-term peak temperature	°C / °F	130 / 266
Friction coefficient, typical range**	-	0.04 - 0.25
Food contact compliant***	-	No

* 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

