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

Move Forward with TriboShield® Coating Solutions

TriboShield® coated products examples

For questions and assistance, contact a GGB engineer at:
https://www.ggbearings.com/en/contact

TriboShield® Data Sheet
REVISION: 000 - MARCH 05, 2018
## TECHNICAL DATA

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

* 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.

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### TriboShield® Standard Product Range

#### Coating Advantages
- More compact design
- Less complex system assembly
- Reduced weight
- Increased surface durability

#### Product Range
- TriboShield TS801
- TriboShield TS741
- TriboShield TS651
- TriboShield TS501
- TriboShield TS421
- TriboShield TS225
- TriboShield TS161

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