

IKV-TRIBOSTAR SSI 1203 TF

► DESCRIPTION

IKV-TRIBOSTAR SSI 1203 TF is a paste developed from a high-viscosity silicone oil and an inorganic thickener.

It possesses an excellent resistance at high temperatures, an exceptional resistance to water and steam as well as various chemical agents (acetone, glycol, glycerine, ethyl and methyl alcohol).

IKV-TRIBOSTAR SSI 1203 TF is formulated exclusively using components that appear in the positive list of the Food and Drugs Administration (FDA) and is registered according to National Sanitary Foundation NSF H-1 standard and the WRAS approval (<https://www.wras.co.uk/search/products/IKV>).

► TYPICAL APPLICATIONS

IKV-TRIBOSTAR SSI 1203 TF is suitable for the lubrication of seals and gaskets, of plastic components for faucet and valve systems, the waterproofing of glass equipment and for use in the food industry.

It is also used as dielectrical paste.

IKV-TRIBOSTAR SSI 1203 TF is generally compatible with all commonly used plastics, metals, elastomers, seals and gaskets except for those containing silicones. But it is because of this infinite range and variety of polymer combinations and variations in the final formulation that it is usually up to the end user to decide if further compatibility testing is required before making any decision about future use in a new application or with a new material.

► APPLICATION METHOD

It can be applied using a brush onto perfectly clean, greaseless surfaces.



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► PROPERTIES

| CHARACTERISTICS | VALUES | UNITS | TESTS |
|-----------------------------------|-----------|---------------------|-------------|
| Colour | White | | |
| Oil nature | Silicones | | |
| Kinematic viscosity at 40°C | 1200 | cSt | ASTM D-445 |
| Pour point | -45 | °C | ASTM D-97 |
| Thickener nature | Inorganic | | |
| NLGI Grade | 3 | | |
| Working penetration at 60 strokes | 220 / 250 | 0,1 mm | ASTM D-217 |
| Drop point | 300 | °C | ASTM D-566 |
| Density at 20°C | 1 | g / cm ³ | ASTM D-1298 |
| Useful temperature range | -40 / 200 | °C | |

3/2019