

# SINEFLON

TRATEC has developed **SINEFLON**, a new technology for coating metals that is **NOT BASED** on fluoropolymers technology (PTFE, FEP, PFA), is a real improved alternative.

Compared to standard coatings based on fluoropolymers, the main technological advantages are:

- Increased of **anti-adhesion** properties;
- **Increased of wear life**;
- Possibility to **cure a very low temperature** if is needed by component's material

<b>Anti-adhesion properties</b>	Excellent
<b>Abrasion resistance</b>	Very Good
<b>Chemical resistance</b>	Inert to most chemical agents
<b>Corrosion resistance</b>	ASTM B117 > 150 h
<b>Pencil Hardness</b>	9H
<b>Static friction coefficient</b>	0,12
<b>Dinamic Friction Coefficient</b>	0,05
<b>Contact angle water</b>	<b>95°</b>
<b>Surface roughness</b>	Ra <0.5
<b>Temperature resistance</b>	-40 °C +288 °C (intermittent +315 °C)
<b>Thickness</b>	50 µm ± 5 µm
<b>Color:</b>	Grey/Black
<b>Food Contact:</b>	Approved EU, FDA

## TRATEC SRL