

PRODUCT DATA SHEET F-LON® 9000 Series

F-LON® 9000 has an good non-stick and superior abrasion resistance at **High Temperatures**. It also exhibits high level of hardness, heat dissipation, and is capable of corrosion & chemical resistance.

F-LON® 9000 is a patented Ceramic Non-stick coating based on Sol-Gel technology.

Sol-Gel materials are formed from small inorganic particles suspended in solution that gel together to form an inorganic matrix.

F-LON® 9000 is a predominantly inorganic coating with a backbone comprising the elements silicon (Si) and oxygen (O).

F-LON® 9000 Series

Recommended Dry Film Thickness	40 ± 5 µm
Substrates	Most metallic substrates.
Pre-treatment	Degrease followed by sandblasting.
Application method	Hand spray or automatic spray line.
Curing schedule	7-10 min @ peak of 280-320°C (or higher)*
Operating Temperature	450°C
Colours available	Grey
Typical applications	Whitegoods and its accessories, cookware, bakeware, heating elements, electronic equipment for heat dissipation and electrical insulative properties etc.
Other properties	Corrosion resistance Chemical resistance Abrasion resistance Non- stick FDA compliant

*Substrate: Al panel / Coating: Spray, 300°C / 10min / DFT = 40 ± 5 µm.

This product data sheet is based on the best information currently available and is offered to users in good faith but without offering or implying a warranty that such information is correct or has not been amended. Nor may it be assumed that patents, copyrights or design registrations concerning systems referred to herein may be ignored.

F-LON® is a registered trademark of Fluorocarbon Group Limited

