

PRODUCT DATA SHEET F-LON® 9050 Series

F-LON® 9050 has an excellent 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® 9050 is a 2 Coat system 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® 9050 is a predominantly inorganic coating with a backbone comprising the elements silicon (Si) and oxygen (O).

F-LON® 9050 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	Black
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.

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Issue 1

