

PRODUCT DATA SHEET F-LON® 9100 Series

F-LON® 9100 has an good non-stick coating with superior abrasion resistance at **High Temperatures**. It also exhibits high level of hardness and is capable of corrosion & chemical resistance.

F-LON® 9100 is a patented Ceramic 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® 9100 is a predominantly inorganic coating with a backbone comprising the elements silicon (Si) and oxygen (O).

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Recommended Dry Film Thickness	40 ± 5 µm
Substrates	Most metallic substrates and some plastics.
Pre-treatment	Degrease followed by sandblasting.
Application method	Hand spray or automatic spray line.
Curing schedule	220-280°C
Operating Temperature	450°C
Colours available	Most colors available
Typical applications	Bakeware, Cookware, Heating elements, electronic equipment for heat dissipation and electrical isolative properties etc.
Other properties	Corrosion resistance Chemical resistance Abrasion resistance Reach compliant RoHS compliant

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

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