

## **PRODUCT DATA SHEET F-LON® 9080 Series**

**F-LON® 9080** has an excellent non-stick and good abrasion resistance at **High Temperatures**. It also exhibits high level of hardness, heat dissipation, and is capable of corrosion & chemical resistance.

**F-LON® 9080** 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® 9080** is a predominantly inorganic coating with a backbone comprising the elements silicon (Si) and oxygen (O).

### **F-LON® 9080 Series**

<b>Recommended Dry Film Thickness</b>	30 ± 5 µm
<b>Substrates</b>	Most metallic substrates.
<b>Pre-treatment</b>	Degrease followed by sandblasting.
<b>Application method</b>	Hand spray or automatic spray line.
<b>Curing schedule</b>	7-10 min @ peak of 280-320°C (or higher)*
<b>Operating Temperature</b>	450°C
<b>Colours available</b>	Black
<b>Typical applications</b>	Cookware, bakeware, and applications with moderate steam exposure.
<b>Other properties</b>	Corrosion resistance Chemical resistance Abrasion resistance Non- stick FDA Compliant

\*Substrate: Al panel / Coating: Spray, 300°C / 10min / DFT = 30 ± 5 µm.

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