

**PRODUCT DATA SHEET F-LON® 5100 Series**

**F-LON® 5100** is a decorative **Low Friction** coating. It also exhibits high level of hardness and heat dissipation.

**F-LON® 5100** is a patented coating applied in a single coat, exhibiting the following properties:

- Organic, solvent based.
- Low cure.
- Easy clean finish.

**F-LON® 5100** was developed for applications which:

- Require weather and abrasion resistance.
- Require the optimum balance of low friction, hardness and durability.
- Are required to function at elevated temperatures, i.e. > 200 °C.
- Need excellent adhesion to most substrates with minimal surface preparation.

**F-LON® 5100 Series**

<b>Recommended Dry Film Thickness</b>	20± 5
<b>Substrates</b>	Most metallic substrate.
<b>Pre-treatment</b>	Phosphate, gritblast, degrease or passivation.
<b>Application method</b>	Hand spray or automatic spray line.
<b>Curing schedule</b>	+ 220 °C to +275 °C
<b>Operating Temperature</b>	-40 °C to +220 °C
<b>Colours available</b>	All colours technically possible.
<b>Typical applications</b>	Housewares, cooling fans, light fittings, personal care products, radomes, I-O drives and laboratory equipment .
<b>Other properties</b>	Corrosion resistance Anti-galling US/EU food approved for some applications, contact us for more information.

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