

**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<br>Anti-galling<br>US/EU food approved for some applications, contact us for more information. |

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