

## **PRODUCT DATA SHEET F-LON® 5110 Series**

**F-LON® 5110** is an excellent **Low Friction** coating. It also exhibits excellent corrosion and weather resistance.

**F-LON® 5110** is a patented fluoropolymer coating applied in a single coat, exhibiting the following properties:

- Good Colour stability.
- Excellent weather resistance.
- Excellent adhesion to most substrates.
- Easy application techniques.
- Good chemical resistance against a range of chemicals.
- Controlled coefficient of friction.
- Low cure temperature.

**F-LON® 5110** was developed for applications which:

- Need protection against environmental attack.
- Require the optimum balance of low friction, hardness and durability.
- Need excellent adhesion to most substrates with minimal surface preparation.
- Need a wear/abrasion resistant coating.

### **F-LON® 5110 Series**

<b>Recommended Dry Film Thickness</b>	20 +/- 7 microns
<b>Substrates</b>	Any 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>	-180 °C to +260 °C
<b>Operating Temperature</b>	-50 °C to +200 °C
<b>Colours available</b>	All colours technically possible.
<b>Typical applications</b>	Examples of successful applications include threaded fasteners. Subsea connectors, offshore ancillaries and fastenings.
<b>Other properties</b>	Corrosion resistance Temperature resistance Abrasion resistance

*This product data sheet is based on the best information currently available and is offered to users in good faith but without offering or implying a warranty that such information is correct or has not been amended. Nor may it be assumed that patents, copyrights or design registrations concerning systems referred to herein may be ignored.*

F-LON® is a registered trademark of Fluorocarbon, Caxton Hill, Hertford, Herts, SG13 7NL

Issue 1

