

PRODUCT DATA SHEET F-LON® 5010 Series

F-LON® 5010 is an excellent **Low Friction** coating. It also exhibits high level of hardness and heat dissipation.

F-LON® 5010 is a patented Fluoropolymer coating applied in a single coat, exhibiting the following properties:

- Low cure temperature.
- Good colour stability.
- Easy application techniques.
- Good stain resistance.
- Good chemical resistance against a range of chemicals.

F-LON® 5010 was developed for applications which:

- Are required to operate at elevated temperatures.
- Need excellent adhesion to most substrates with minimal surface preparation.
- Require an economical, durable, easy clean finish.

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Recommended Dry Film Thickness	20 +/- 5 microns on flat plates 30-35 microns on round parts
Substrates	Any metallic substrate.
Pre-treatment	Phosphate, gritblast, degrease or passivation.
Application method	Hand spray or automatic spray line.
Curing schedule	+180 °C to +260 °C
Operating Temperature	-195 °C to +260 °C
Colours available	All colours, except white and light pastel shades, technically possible.
Typical applications	Examples of successful applications include rotary actuators, carburettors, bearings, any mating surfaces which require lubrication.
Other properties	Cryogenic stability Heat resistance Wear/Abrasion resistance Non- stick

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