

**PRODUCT DATA SHEET F-LON® 5020 Series**

**F-LON® 5020** is an excellent **Low Friction** coating. It also exhibits high level of hardness and heat dissipation.

**F-LON® 5020** is a patented Fluoropolymer coating applied in a single coat, exhibiting the following properties:

- Contains MoS<sub>2</sub>/PTFE.
- Low cure temperature.
- Good colour stability.
- Easy application techniques.
- Good stain resistance.
- Good chemical resistance against a range of chemicals.

**F-LON® 5020** was developed for applications which:

- Typical applications: Offshore valves and subsea connectors.
- Are required to operate at elevated temperatures.
- Need excellent adhesion to most substrates with minimal surface preparation.
- Require an economical, durable, easy clean finish.

**F-LON® 5020 Series**

<b>Recommended Dry Film Thickness</b>	20 +/- 5 microns on flat plates 30-35 microns on round parts
<b>Substrates</b>	Stainless steel and its alloys.
<b>Pre-treatment</b>	Phosphate, gritblast, degrease or passivation.
<b>Application method</b>	Hand spray or automatic spray line.
<b>Curing schedule</b>	+205 °C to +275 °C
<b>Operating Temperature</b>	-20 - +180°C -
<b>Colours available</b>	All colours, except white and light pastel shades, technically possible.
<b>Typical applications</b>	Examples of successful applications include rotary actuators, carburettors, bearings, any mating surfaces which require lubrication.
<b>Other properties</b>	Wear/Abrasion resistance Extreme pressure capability.

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