

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 MoS₂/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.

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Recommended Dry Film Thickness	20 +/- 5 microns on flat plates 30-35 microns on round parts
Substrates	Stainless steel and its alloys.
Pre-treatment	Phosphate, gritblast, degrease or passivation.
Application method	Hand spray or automatic spray line.
Curing schedule	+205 °C to +275 °C
Operating Temperature	-20 - +180°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	Wear/Abrasion resistance Extreme pressure capability.

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