

PRODUCT DATA SHEET F-LON® 6080 Series

F-LON® 6080 is an excellent **Non-Stick** coating. It is a fluoropolymer based coating, which is normally applied in a single coat, exhibits the following properties:

- Exceptional hardness at elevated temperatures.
- Outstanding abrasion/wear resistance.
- Excellent adhesion to most substrates.
- Easy application techniques.

F-LON® 6080 was developed for applications which:

- Require excellent dry film lubrication.
- Are required to function at elevated temperatures, i.e. > 200 °C.

Appearance- Smooth, matt coating with slippery/waxy feel which is typical of PTFE based coatings.

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Recommended Dry Film Thickness	20 +/- 5 microns
Substrates	Most metallic substrate.
Pre-treatment	Light gritblast.
Application method	Hand spray or automatic spray line.
Curing schedule	+ 180 °C to +260 °C
Operating Temperature	-195 °C to +285 °C
Colours available	All colours, except white and light pastel shades, technically possible.
Typical applications	Sweet moulds, sweet rollers, Rotary actuators, carburetors, bearings, any mating surfaces which require lubrication.
Other properties	Abrasion resistance Low friction Cryogenic Stability

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