

## AFC 2101

A high temperature, low friction, Fluorocarbon based coating which is normally applied in a single coat. Typical applications include rotary actuators, bearings and any mating surfaces which require lubrication.

- Exceptional hardness at elevated temperatures
- Outstanding abrasion and wear resistance
- Easy application techniques.
- Good chemical resistance.
- Optimum balance of low friction, hardness and durability
- Low cure temperature
- Excellent adhesion to most substrates with minimal surface preparation.
- Excellent dry film lubrication
- Suitable for temperatures in excess of 200°C
- Not Suitable for Food use
- Flexible – will bend but cannot be fully formed
- All colours except white and pastel shades technically possible

### Typical Physical properties of Cured Film

Property	Value
Recommended dry film thickness	18 +/- 7 microns
Number of coats possible	1 +
Operating Temperature range °C	-195°C to +285°C
Curing Temperature °C	180°C to 250°C
Appearance	Smooth matt waxy finish
Coefficient of Friction Static / Dynamic	0.11 / 0.06

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All information is based on typical test results performed under specific conditions and limited sample size. This does not represent a legally binding guarantee of certain properties or the suitability for specific applications. All information is provided in good faith at time of print.

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