

# Microseal 204

## Technical Data Sheet



### Pre Applied Thread Sealing Compound.

#### DESCRIPTION

Microseal 204 is a pre-applied thread sealant. It is a water-based, environmentally friendly PTFE-based pre-applied thread sealant which is non-reactive, non-hazardous and easy to use.

Microseal 204 has excellent performance qualities providing instant sealing upon installation. Microseal 204 can be applied to many component types, a wide range of materials (both ferrous and non-ferrous

metallic thread forms) and many surface finishes. It has an operating temperature range of -50°C to +180°C. Microseal 204 can inhibit corrosion of mating parts due to its sealing action – therefore disassembly is improved compared to other conventional sealing methods.



#### TYPICAL APPLICATIONS

Microseal 204 eliminates the need for sealant application at the point of assembly, giving improved production rates and eliminating operator inconsistencies. Disassembly is as easy as installation. Microseal 204 can be used in applications where a wet sealant or PTFE sealing tape has previously been used. Microseal 204 has been tested at temperatures up to 180°C. Its sealing properties are unaffected by these temperatures or by exposure to most automotive fluids such as engine & transmission oils, hydraulic fluids and anti freeze mixtures.

For further details or to clarify compatibility, please contact Inlex who will be happy to review your specific application requirements and offer advice.

#### ADVANTAGES

- Pre-applied water-based non-curing sealant for instantaneous use
- Used on a wide range of component types, materials and multiple finishes
- Provides a consistent, repeatable high-pressure seal with low installation torque
- Dry-to-touch and ready to use
- Clearly visually identifiable
- Resists many industry oils/fluids
- Offers component weight and cost saving by replacing mechanical or manually applied seals
- Meets the requirements of JLR STJLR.60.5020.X201, Ford WX201, Perkins PMS P.1.04 and PMS P.1.15 standards

#### TYPICAL PROPERTIES

<b>Material</b>	PTFE Aqueous
<b>Colour</b>	Green
<b>pH</b>	Slightly Alkaline (9-9.2pH)
<b>Sealing Capacity</b>	>150 Bar
<b>Typical Temperature Range</b>	-50°C to +180°C
<b>Installation Torque Required</b>	Minimal
<b>Shelf Life on Parts</b>	Min 2 Years

#### HANDLING AND SAFETY PROPERTIES

Not classed as hazardous. Observe normal industrial hygiene standards.

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