

# PASTE HT1200

## Fastener assembly paste with MicPol® technology

High performance, high temperature assembly paste, which is a suitable replacement for copper grease. Prevents fretting and protects against rust and corrosion. Strong adhesive properties and does not damage light metals or stainless steel.



Nonfood Compounds  
Programme Listed H1  
Registration 137221



APPROVAL NUMBER 1704532



Interflon Paste HT1200 is suitable for threads and other connections made out of metal, aluminium, stainless steel, light metals and metal alloys that are subject to temperatures of up to +1,200°C. High resistance to moisture, salt water, acids, high pressure and other atmospheric influences.

### Key Advantages:

- Very low coefficient of friction (0,12)
- Prevents corrosion and tribocorrosion
- Excellent adhesion properties
- Excellent replacement for copper grease
- Also available in aerosol

### Applications:

- Nuts & Bolts
- Pins
- Valves
- Shafts
- Brakes
- Spark Plugs/Glow Plugs
- Machine Parts
- Many more...



NUTS AND BOLTS



HIGH TEMPERATURE



HEAVY LOADS

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# INTERFLON PASTE HT1200



## High temperature assembly paste with MicPol® technology

Excellent alternative for copper paste and other metallic assembly pastes that pose a risk to humans and the environment. May inadvertently come into occasional contact with foodstuffs and medicines. Highly suitable for use in cleanrooms and locations where fresh food and pasteurised beverages are processed.



### Distinctive Properties:

- Suitable for temperatures up to +1,200°C
- Safe for humans and the environment
- NSF-H1 listed
- Does not dry out and no incrustation

### Practical example:

#### Fitting paddles to expanfer drive shaft

Due to heavy oxidation, the paddles on the drive shaft had to be removed twice a year, otherwise they could only be removed by breaking them with a hammer. Very labour intensive and high replacement costs.

#### Our solution

Interflon Paste HT1200  
First degrease using Interflon  
Degreaser EM30+



#### Result:

After applying of Interflon Paste HT1200, the paddles only had to be disassembled once per year, preventing additional costs due to being bound by rust.

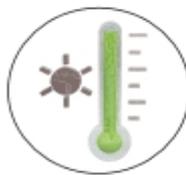
**Cost saving of £2,590 on assembly and disassembly**



Nonfood Compounds  
Programme Listed H1  
Registration 122320



NUTS AND BOLTS



HIGH TEMPERATURE



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Technical Data Sheet

# Interflon Paste HT1200

High temperature, food grade assembly paste & safe replacement for copper paste

Interflon Paste HT1200 is a universal assembly paste based on non-toxic ceramic materials with extraordinary properties for use under extreme circumstances. The product prevents corrosion, has a low coefficient of friction and prevents fretting of materials during the manufacture, assembly and disassembly of all kinds of machinery and equipment. Interflon Paste HT1200 is metal free and therefore safe for humans and environment.

Interflon Paste HT1200 is listed by the NSF for the use in applications with incidental food contact.

### Applications

For use in all screw connections and assembling of metal parts of all kinds of machinery and equipment. For assembling and fitting of brakes, exhaust systems and turbo chargers systems, pneumatic tools, pins, plugs and everything else with a screw connection that is exposed to high pressures and temperatures. Very suitable as an environmental friendly alternative to copper paste and for use in stainless steel screw connections.

### Advantages

- ⊕ Low friction at assembly and disassembly
- ⊕ Reduced risk of damage at disassembly
- ⊕ Applicable at temperatures from -20°C till maximum +1200°C
- ⊕ Strong corrosion protection
- ⊕ Strong adherence on the surface (will not pushed away during assembly)
- ⊕ Doesn't dry out or crust like copper or aluminum pastes

### Instructions for use

Clean the parts to be assembled well and allow to dry. Apply Interflon Paste HT1200 on cold parts before assembly.

Property	Result	Method
Composition	Mixture of mineral oils, thickener, additives and MicPol®.	
Colour	White	
Density 20°C	1.11 g/cm3	
Highest application temperature	1200°C	
Manufacturing date	The batch number consists of a 8-digit number. The first 4 numbers represent the YY/MM of the manufacturing.	
Shelf life*	4 years	
NSF registration number	122320	
NSF	H1	
Halal	Yes	
Kosher	Yes	
Thickener	Bentonite	

\* Shelf life of the product in original and unopened packaging. Storage temperatures <0°C need to be avoided to guarantee product quality.

*This information is based on our best and present knowledge and intended to provide general notes about the product and intended use. Therefore it shouldn't be construed as guaranteeing properties of the product described or suitability for an application. Any existing industrial property rights must be observed. Quality of our products is guaranteed under our General Conditions of Sale. Interflon® and MicPol® are registered trademarks of Interflon BV. Typical properties mentioned in this document are based on our production tolerances and do not represent a specification. Variations that do not affect product performance are to be expected during normal manufacturing. Information provided in this document is subject to change without notice in advance.*