



# **PATE GRN**

## **MOUNTING AND ANTI-SEIZING PASTE WITH GRAPHITE**



### **DEFINITION**

Anti-seizing paste with graphite certified by the EDF for treating and protecting metal assemblies.

### **ADVANTAGES**

Improved anti-seizing power.  
Facilitates the assembly and dismantling of metal assemblies subjected to aggressive environments (humidity, heat, aggressive chemicals, etc.).  
Very good resistance to heat and humid environments.  
Excellent electrical conductivity.  
Protects treated assemblies against corrosion.  
Facilitates running in of mechanical assemblies.  
Facilitates dismantling of treated assemblies even after several years of exposure to various harsh chemicals or environments.  
Its low sulphur, fluorine, and chlorine content is guaranteed through systematic controls of each batch, which guarantees and improves its lubricating, anti-corrosion properties.

### **APPLICATION FIELDS**

PATE GRN is recommended for:  
Nuclear power plants, thermal power plants, radiotherapy and x-ray diagnosis equipment, or any other materials subjected to ionising radiation.  
Can be used in very high temperature situations and humid environments.  
Protection of cylinder head stay rods, lubrication of taps and valves.  
Cylinder head bolts, manifold bolts and gaskets, flange gaskets, valves, burners, low-speed roller bearings, plain bearings.  
Lubrication when an electrically conductive lubricant is required.  
**Effective on all types of metals:** STAINLESS STEEL, steel, galvanised steel, aluminium, brass, etc.

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**Head office**

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## TECHNICAL CHARACTERISTICS

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Colour .....	black
Texture .....	smooth
Drop point .....	none
NLGI grade .....	2
Operating temperature .....	-80°C to +250°C (+900°C for dry lubrication)
Graphite content .....	> 20%
4-ball EP test .....	250 kg
Friction coefficient .....	0.05
S, Cl, F content .....	< 200 ppm

## INSTRUCTIONS FOR USE

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Apply **PATE GRN** with a fine or large brush or sprayer prior to assembly, onto clean and degreased parts. Clean the parts with a PMUC degreaser (**ORAPI 517 - A 62 NU**) then apply the **PATE GRN**.  
For threaded assemblies, a fine coat must be applied to the entire surface.  
For screw / nut assemblies, the paste must be applied evenly on the male part so as to completely fill the threading.  
Bearings\* must be filled with the paste to 2/3 of the maximum.  
When assembly is complete, wipe away the excess **GRN**.

\*Only recommended for bearings that turn at low speeds.

## PACKAGING

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Aerosol 650 ml	Ref. 6613 A4	x 12
200 g tube	Ref. 6613 T4	x 12
500 g tin	Ref. 6613 B6	x 6

## CERTIFICATION

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-  04-016

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