

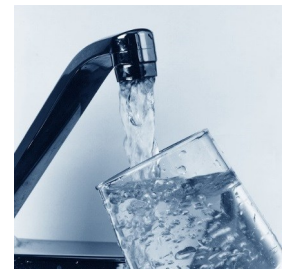
GRAPHALLOY® for NSF® /WRAS Applications

NSF and WRAS Certified GRAPHALLOY® Bushings eliminate maintenance and frequent replacements in drinking water applications through the following advantages:

- ◆ **Dry-Running:** Survives dry starts, flashing and loss of pumpage for prolonged periods without damage. Allows immediate restarts.
- ◆ **Submerged:** Works submerged in low viscosity and corrosive liquids. Will not swell.
- ◆ **Self-Lubricating:** Requires no grease or oil and permits continuous operation.
- ◆ **Improved Efficiencies:** Allows closer running clearances which can provide higher pump efficiencies.

Where to Use NSF and WRAS Certified GRAPHALLOY® Bushings

- ◆ Municipal Well Pumps
- ◆ Pumps– Potable Water
- ◆ Water Treatment Plants



NSF Certification

NSF International has certified grades of GRAPHALLOY material for use in municipal well pumps and water treatment plant applications. These GRAPHALLOY grades are certified to NSF/ANSI Standard 61-”Drinking Water System Components – Health Effects” and approved in the category for Multiple Water Contact Materials up to 180°F.



Certified to
NSF/ANSI 61

- ◆ GRAPHALLOY Grade GM 695.3
- ◆ GRAPHALLOY Grade GM 696.3



WRAS Approval

The Water Regulations Advisory Scheme (WRAS, UK) has approved a grade of GRAPHALLOY material as suitable for contact with wholesome water for domestic purposes having met the requirements of BS 6920-1:2000 and/or 2014 ‘Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water’.

- ◆ GRAPHALLOY Grade GM 690

For a copy of the NSF Certification letter, WRAS Material Approval letter, FDA Opinion, or case histories on these applications, please contact Graphite Metallizing Corporation at sales@graphalloy.com



GRAPHITE METALLIZING CORPORATION ■ Yonkers, NY 10703 USA ■ www.GRAPHALLOY.com

FDA Acceptable GRAPHALLOY® Materials

FDA Acceptable GRAPHALLOY® Bushings eliminate maintenance and frequent replacements in food applications through the following advantages:

- ◆ **Self-Lubricating:** Requires no grease or oil and permits continuous operation.
- ◆ **Wide Temperature Range:** Graphalloy performs in temperatures from -400°F (-240°C) to $+1000^{\circ}\text{F}$ (535°C).
- ◆ **Submerged:** Works submerged in low viscosity and corrosive liquids. Will not swell.
- ◆ **No lubricant loss in steam or pressure wash.**

Where to Use FDA Acceptable GRAPHALLOY® Bushings

- ◆ Pumps
- ◆ Baking Ovens
- ◆ Fryers
- ◆ Mixers
- ◆ Conveyors
- ◆ Roasters
- ◆ Steamers
- ◆ Other food handling and transporting applications

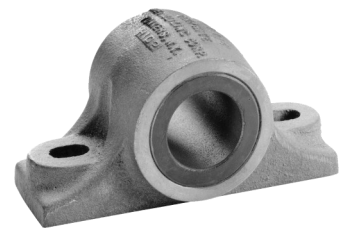


FDA Suitability Opinion

In 1996, the U.S. Food and Drug Administration gave Graphalloy a favorable opinion for use in pumps, baking ovens, and equipment for transporting and handling food. That opinion was updated and refreshed in 2018 on these Graphalloy material grades:



- ◆ GRAPHALLOY Grade GM 629
- ◆ GRAPHALLOY Grade GM 630
- ◆ GRAPHALLOY Grade GM 635



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