

# DuPont™ Krytox® Corrugator Greases

## Now Food Grade Certified

### Krytox® – Setting the Standard for the Corrugating Industry

For over 15 years, Krytox® anticorrosion greases have set the standard for high temperature bearing lubrication in corrugator applications. These products are the same high performance formulation the corrugated industry has trusted for years, and we are pleased to announce, are now certified for incidental food contact.

### NSF Certification and New Name Mean Safety and Confidence

To provide absolute confidence and safety in food related operations, these products are NSF H-1 Food Grade certified. In order to visually communicate this certification, you'll see our product name for these lubricants now listed as Corrugator Krytox® 226 FG and Corrugator Krytox® 227 FG. FG represents Food Grade, and provides you with peace-of-mind and full confidence that Krytox® greases are non-toxic, and completely biologically and environmentally inert.

Krytox® corrugator greases are recommended for use in high temperature corrugated equipment applications and in manufacture of food packaging materials where an H-1 rated lubricant is required.

### Reliability and Performance for Your Most Demanding Needs

High temperature, extreme pressure Krytox® greases excel in the most demanding environments. Their non-oxidizing chemistry and wide temperature range allows them to be used in temperature extremes. Its superior oil film strength reduces friction and abrasive wear to significantly extend equipment life in severe duty applications. Krytox® provides excellent water washout resistance and superior rust and corrosion protection for bearings and components. Krytox® is silicone-free, contains no VOC materials or chlorine, and is not hazardous to the atmosphere or ozone layer.

Property	Corrugator Krytox® 226 FG	Corrugator Krytox® 227 FG
NLGI Grade	2	2
Thickener	PTFE	PTFE
Color	White, creamy consistency	White, creamy consistency
Base Oil Viscosity, cSt at 40°C (104°F) at 100°C (212°F)	240 25	440 42
Viscosity Index	134	155
Operating Range, °C (°F)	-36 to +260 (-33 to 500)	-30 to +288 (-22 to 550)
Rust Prevention, ASTM D-1743	Pass	Pass
Four Ball Wear Scar, ASTM D-2266 at 1 hr, 1200 rpm, 107°C (225°F), 20 kg	0.4 mm	0.4 mm
Oil Volatility, %, 22 hr at 204°C (400°F) ASTM D-2595	3 max.	1 max.



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## Chemical and Environmental Compatibility

While Krytox® fluorinated greases are non-reactive, its PFPE chemistry is very different from standard hydrocarbon or synthetic chemistries and should never be mixed with non-fluorinated greases.

Krytox® lubricants are inert and will not react with any materials they may come in contact with. The polymeric nature of these products is extremely resistant to moisture, so it stays in place during cleaning. Cleaners and disinfectants, both acidic and caustic types, do not affect them. Steam and high temperatures will not damage them. They do not damage plastic or elastomer seals or cause corrosion to metals. They are nonflammable and are safe for use in oxygen service.

## Packing the Bearing

New bearings should be inspected for damage and cleanliness before use. New unlubricated bearings are often coated with hydrocarbon based rust preventive oils to protect them during storage. These preservative oils must be removed when using Krytox® as a lubricant. Failure to do so could result in reduced bearing life.

The preservatives coat the bearing surface to prevent rust and corrosion, but if not removed prior to use will prevent the grease from protecting the metal surface. If left on the bearing, the preservative coating can oxidize and harden, and can create debris that will contaminate the grease.

## Packaging

Krytox® greases are available in 2 and 8 oz tubes; 0.5 kg and 1 lb containers; 0.8 kg/1.75 lb cartridges; 20 kg containers; 100 kg drums; 5 gal pails and other grease drum sizes.

## Storage and Shelf Life

Krytox® grease and oil lubricants have no expiration date, and have an indefinite shelf life if unopened and stored in a clean dry location.

## For more information or technical assistance, call: (800) 424-7502

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