

FOOD-PLUS GREASE FLUOR PTFE 2

FOODGRADE GREASES

323701701



EXTREME HIGH TEMPERATURE GREASE

This non-flammable white grease is formulated with perfluoroalkyl-polyether-type oil, micronized PTFE as a thickener, and an anti-corrosion additive. It is chemically and physically inert and can withstand exposure to various liquid or gaseous substances, except for fluorinated solvents, as well as thermal and ionizing radiation. All the components used in the production of this product are listed as safe by the Food and Drugs Administration (FDA), and it can be approved as H-1 upon request. This lubricant is ideal for use in bearings, sliding bearings, or joints exposed to harsh conditions that may cause traditional lubricants to break down. It is especially effective in curing ovens used in industries such as glass, textile, plastic film, paint, chemical, nuclear, and corrugated card. Additionally, it is compatible with a wide range of materials including elastomers, seals, gaskets, plastics, and metals. This product is also suitable for use as a thin film lubricant in sliding electrical contacts or as a dielectric agent.

CATEGORY

Greases

BENEFITS

PROPERTY	METHOD	VALUE
Nature of base oil		Perfluorinated
Thickener		PTFE
Colour		White
Base oil viscosity @ 40 °C, mm ² /s	ASTM D445	500
Density @ 20 °C, kg/dm ³		1.91
NLGI grade		2
Worked penetration, 0.1 mm	ASTM D217	265-295
Drop point, °C	DIN 51 801	Without
Useful range temperature, °C		-30 - 300
Volatility, %	ASTM D972	< 0.1
4-ball wear test, weld load, kg	IP 239	>700
Max speed factor, n.dm		300000
Specific resistivity, ohm x cm	ASTM D257	4x10e14
Emcor corrosion test Distilled water, 164 h	DIN 51 802	0
NSF registration		146050
Kosher approved		YES
Halal approved		YES

All data on this technical data sheet is indicative only

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