

Data Sheet

FLUORONOX M 44/2

Synthetic Multipurpose Grease

Fluorinox M 44/2 shows high thermal stability and excellent longtime lubrication properties, outperforming conventional greases. The synthetic base fluid together with the high content of micronized PTFE lower friction when lubricating material pairings of metal, plastics and elastomers.

Fluorinox M 44/2 is odourless, non-flammable, oxidation resistant, free of carbonising substances, free of substances that can build solid or rubber-like residues. It is resistant to water, strong acids, watery alkalis and most organic solvents.

Fluorinox M 44/2 has been formulated from a high viscosity Perfluoropolyether. The advantages show in low evaporation rate, providing long-time lubrication at high temperatures.

Typical applications include the lubrication of slow speed roller bearings, such as oven bearings, highly loaded sliding metal parts, such as segment moulds. The use as barrier grease, as protecting film and as sealing grease.

Typical Technical Data

	FLUORONOX M 44/2
NLGI-Grade	2
Pour Point, of base fluid (°C)	-25
(°F)	-13
Viscosity Index, of base fluid	135
Density, g/ml @20°C (68°F)	1,95
Flash Point	none, nonflammable
Colour	white
Base fluid	Perfluoropolyether
Thickener	PTFE
Base fluid viscosity, mm ² /s @20°C (68°F)	1550
@40°C (104°F)	420
@100°C (212°F)	41
Maximum evaporation loss, % in 24h @200°C	0,8
Recommended temperature range, <i>Please request material safety data sheet for details</i>	-25/+260°C -13/+500°F

Containers	100 g	Tube	1 kg	Jar
	250 g	Jar	10 kg	Pail
	800 g	Cartridge	45 kg	Pail

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