

## ELBA PFPE 2 GREASE

ELBA PFPE 2 is a per fluorinated polyether (PFPE) based lubricating grease created for use in severe operating conditions caused by high temperature or aggressive chemical environments.

This long-life lubricant has excellent rust inhibiting, corrosion protection and solvent washout resistant properties.

ELBA PEPE 2 meets USDA 1998 (H1) guidelines (lubricants with incidental food contact). ELBA PEPE 2 is ideal for use in bearings, conveyors and pumps subject to aggressive chemicals or heat. It is recommended for drying ovens, shrink wrap tunnels, oven chains and other high temperature applications found in food manufacturing.

ELBA PEPE 2 is generally regarded as neutral towards most elastomers and plastics (exception: perfluorinated rubber), however, we recommend testing compatibility with the material to be used prior to application.

### Application:

For best results, we recommend cleaning the friction points with white mineral spirits followed by ELBA PFPE Solvent. The surfaces should then be blown with clean, dry compressed air or hot air to remove solvent residue. For initial lubrication, the friction points must be free from oil, grease, perspiration and contamination. ELBA PEPE 2 can be applied with a brush, spatula or lubricant dispenser. Please contact Elba Representative if you have questions regarding the application of this product.

### Physical Properties

Products	LBA PEPE 2
NLGI Grade	2
Color	White
Texture	Homogeneous
Base Oil	Perfluorinated Polyether
(PFPE) Viscosity:	
@40°C, cSt	500
@100°C, cSt	41
Thickener Type	Polytetrafluoroethylene
(PTFE) Density at 20° C	approx. 1.9 g/cm <sup>3</sup>
Lower Service Temperature	-20°C/-4°F
Upper Service Temperature	250°C/482°F
Worked Penetration:-	
DIN ISO 2137, 25°C, LOWER LIMIT VALUE	265 X 0.1 MM
DIN ISO 2137, 25°C, UPPER LIMIT VALUE	295 X 0.1 MM Oil
Separation	< 12% by weight
Evaporation Loss	< 3% by weight

