

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 PFPE 2 meets USDA 1998 (H1) guidelines (lubricants with incidental food contact). ELBA PFPE 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 PFPE 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 PFPE 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	ELBA PFPE 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 ³
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

For Technical, Quality or Product Safety Questions Please Contact:

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

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