

#### Description

PROTEAN Optimum 00 is a highly versatile, NSF: H1 registered, premium+ PFPE-based lubricant, offering a unique combination of exceptionally high and low temperature performance, chemical inertness and high load carrying capacity to satisfy even the most demanding lubrication needs. PROTEAN Optimum 00 significantly reduces wear to increase service life of critical components that operate under extreme circumstances, or are hard to re-lubricate and require long life lubrication.

Suitable for Food & Beverage, Packaging, Pharmaceutical and other cleanroom environments

#### Benefits & Features

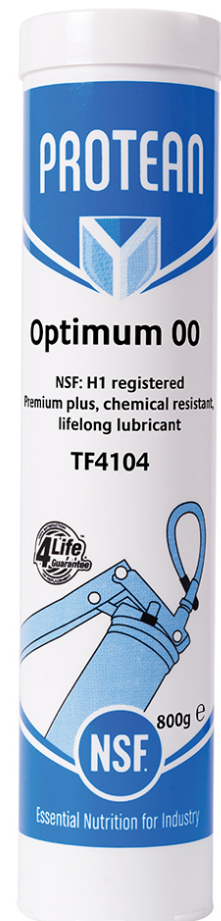
- NSF: H1 registered (lubricant with incidental food contact, for use in and around food processing areas)
- For lifetime lubrication of bearings, chains, slides and other machine parts used in environments where conditions prevent the use of conventional greases.
- Good oxidation stability ensures prolonged lubrication intervals at high temperatures
- Exceptional low levels of carbonisation at high operating temperatures help extend component life
- Extreme resistance to chemicals and suitable in the presence of oxygen
- Exhibits excellent EP performance with a 4 ball weld load of 500kg
- Temperature range -25°C to +280°C

#### Directions for Use

PROTEAN PROTEAN Optimum 00 should be applied extremely sparingly by hand, or by other methods suitable for dispensing semi-fluid, NLGI No. 00 lubricants. Whilst being compatible with most PFPE type greases, it is always recommended to clean components thoroughly with a suitable solvent prior to applying PROTEAN Optimum 00.

#### Technical Data

Category:	H1 – Lubricants with incidental food contact
NSF Registration No:	154130
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	Smooth semi-fluid white grease
NLGI Classification:	00
Thickener:	PTFE
Drop Point (ASTM D2265):	>280°C
Base Oil:	Perfluorinated Polyether
Base Oil Viscosity (@38°C):	470 cSt
4 Ball Weld Load (IP239) (ASTM D2596):	500Kg
Load-Wear Index:	106
Penetration (IP50):	400 to 430
BAM, Gaseous Oxygen Test 60C@90 bar:	Pass
Operating Temperature Range:	-25°C to +280°C
Pack Sizes:	12 x 800g Cartridges (other sizes available on request)



The content of this data sheet is given in good faith but without warranty.

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