



Tarmond Fluorex

PFPE-PTFE GREASES

Product Description:

Tarmond Fluorex is a high-performance grease based on PFPE base oils and reinforced with a PTFE thickener, developed for demanding applications exposed to wide and challenging temperature conditions. Its non-stick characteristics, combined with exceptional resistance to high temperatures, aggressive chemicals, and solvents, make it suitable for severe operating environments while remaining compatible with plastics and elastomers. Designed for components requiring long-term lubrication—such as bearings, valves, and chemical process equipment—it delivers stable performance and contributes to sustained system reliability.

Applications:

It can be used in extraction systems, roller bearings, and fan bearings. It is also used in level measuring devices (especially in fuel and chemical plants), valves, and connection points in the chemical industry. It can be used in general applications operating between -40°C and 260°C.

Benefits:

- ❖ Excellent resistance to high temperatures
- ❖ Highly resistant to chemicals and solvents
- ❖ Wide operating temperature range
- ❖ Excellent performance
- ❖ High evaporation stability

Technical Data:

Tarmond Fluorex	Test Method	
NLGI	-	1,5 - 2
Colour	Visual	White
Base Oil Type, Mineral/Synthetic	-	PTFE - PFPE
Base Oil Viscosity, mm ² /sn	ASTM D 445	420
Penetration (60d), mm/10	ASTM D 217	285 - 315
Dropping Point, °C	ASTM D 2265	Not Dripping
4 Ball AW, mm	ASTM D 2266	0.23
4 Ball Welding, kg	ASTM D 2596	> 800
Water Washout, % Weight	ASTM D 1264	< 3
Oil Separation, % Weight	ASTM D 6184	< 1.5
Density, g/cm ³	-	1.95
Operating Temperature, °C	-	-40 / 260

Specified values are our typical characteristics.