

AbsoLube 1204

AbsoLube 1204 is a synthetic grease made from polyfluoropolyether (PFPE) fluid thickened with polytetrafluoroethylene (PTFE) polymer. This grease has excellent low temperature properties and is inert to oxygen and other aggressive chemicals. The PFPE fluid has extremely low surface tension and this gives AbsoLube 1204 the ability to work in applications where other lubricants fail due to lubricant starvation. The fully fluorinated chemistry is completely compatible with a vast majority of plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-40 to 260
Flash Point (°C) (ASTM D92)		None
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295
	Worked	60X 265-295
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24h at 100°C	2% max.
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		200 min.
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.86mm
	Dynamic Coefficient of Friction (steel on steel)	0.113

*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.