



Chemour Performance Lubricants Extreme conditions. Extreme performance.

The “Stay-Put” Lubricant

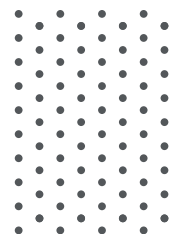
Chemour Krytox™ TM-7 grease is specifically designed for the lubrication of segmented molds, both electrically and steam-heated. This lubricant eliminates carbon residue buildup on the molds associated with hydrocarbon and hydrocarbon-based synthetic greases. It exhibits excellent adhesion and will not bleed out to the parting line due to high heat tolerance, allowing the operator to significantly increase production by extending lubrication intervals.

Krytox™ TM-7 is a fluorinated grease with polytetrafluorethylene (PTFE) thickeners and selected additives. It has excellent thermal stability and load-carrying abilities. TM-7 has a high degree of chemical inertness and extremely high hydrolytic stability. Contact with boiling water or steam has no effect on this product, it will stay in the location it was applied, providing the best lubrication possible.



PART NUMBER	DESCRIPTION
TM7TUBE2OZ	TM-7 KRYTOX GREASE 2OZ TUBE
TM7TUBE8OZ	TM-7 KRYTOX GREASE 8OZ TUBE
TM7JAR1KG	TM-7 KRYTOX GREASE 1KG JAR

TYPICAL PROPERTIES OF Chemour Krytox™ TM-7	
Standard NLGI Penetration Grade	#2
Estimation Useful Temperature Range	-20 to 290 (-4 to 555)
Pour Point, °C (°F)	-25 (-13)
Base Oil Viscosity, cSt	
20 °C (68 °F)	1,715
40 °C (104 °F)	500
100 °C (212 °F)	46
Oil Volatility, % in 22 hr, 260 °C (500 °F), D972 modified	<1
Appearance	White, creamy consistency
Specific Gravity	2.0



KRYTOX™ TS4 Thread Sealant



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Krytox™ TS4 thread sealant, the solution for demanding applications, is designed for use on a variety of metal and plastic surfaces.

Specialty formulated for added sealing power, TS4 seals water, air, steam, natural gas and reactive gasses and liquid.

- Can be re-applied over existing Krytox sealant.
- Clings to threads, will not shred or tear on assembly/disassembly
- Cannot plug or restrict critical piping, valves or instruments like tape solids
- Non-reactive, non-toxic, nonflammable, non-corrosive and compatible with most seal, O-ring and valve polymers
- Operating temperature range of -54 to 149°C (-65 to 300°F)
- Can be used in contact with Ethylene Glycol and many other chemicals

PART NUMBER	DESCRIPTION
TS4TUBE8OZ	TS4 KRYTOXTHREAD SEALANT 8OZTUBE
TS4JAR	TS4 KRYTOXTHREAD SEALANT .5KG JAR



PROJECT : PIPE THREAD SEALANT LEAK TEST

Sealant: Krytox TS4		Leak Check Gas: Helium*		Result: Pass	
Time	Pressure PSI	Temperature, °F	Time	Pressure PSI	Temperature, °F
Day 1	400	81.5	Day 5	404	89
	400	81.9		398	79.3
	400	84.2		402	87.5
Day 2	400	82	Day 6	402	88
	400	83.5		398	82.3
	399	78.2		400	86.2
Day 3	399	78.7	Day 7	401	87.7
	400	83.6		392	78
	402	86.4		401	87.7
Day 4	400	78.8	*Due to its small atomic size, helium passes easily through leaks, and it is an industry standard for a tracer gas used to find leaks		
	400	80.8			
	403	87.8			

