



SVB 460

High Temp Teflon Grease

Inert, High Tech Lubricant and Sealant
Made with PFPE Fluorinated base oils and PTFE Thickener

SVB 460 Teflon Grease is a synthetic lubricant and sealant made to exceed the most difficult conditions and specifications in the aerospace, automotive, chemical, and vacuum and industrial applications.

SVB 460 Teflon Grease is a mixture of inert PFPE base oils and PTFE Teflon thickeners, which delivers many unique benefits. It is capable of withstanding high temperatures – its application temperature range is from -45 to 415 C. It leaves a highly protective dry film of PTFE polymers on metal surfaces, which is extremely resistant to water, chemicals, steam and the elements.

SVB 460 Teflon Grease has no dropping or fire point. It resists water, steam, heat, friction and repetitive motion. SVB 460 Teflon Grease is made specifically for compatibility with both natural and synthetic elastomeric materials.

PRINCIPAL CHARACTERISTICS AND CUSTOMER ADVANTAGES:

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| Extremely Low Volatility | For use as a sealant in high vacuum systems or aerospace applications. |
| Excellent Mechanical Stability | Resists friction and wear in machinery and maintains a longer service life for both equipment and grease |
| Anti-corrosive and anti-rust | Enriched with powerful anti-rust and anti-corrosive additives that protect bearings in humid or acidic environments. |
| Impermeable and resistant to chemicals | Will not mix with water or steam |
| Inert | Exceptional physical and thermal stability |

TYPICAL CHARACTERISTICS OF SYNTEC SILICONE TEFLON GREASE

| TEST AND METHOD | TYPICAL VALUES |
|--|-------------------|
| Grade, NLGI | 2 |
| Thickener type | Synthetic polymer |
| Color | White, creamy |
| Base Oil Viscosity, ASTM D 445 @ 40 C | 610 |
| Base Oil Viscosity, ASTM D 445 @ 100 C | 38 |
| Dropping Point, ° C, ASTM D 566 / IP 396 | none |
| Worked Penetration @ 25 ° C, ASTM D 217 | 260 |
| Timken OK Load, lbs, ASTM D2509 | 66+ |
| Water Washout @ 80C, loss, % p/p | 0.15 |
| Water Washout Test, % by weight removed, ASTM D 4049 | 2.2% |
| Copper Corrosion, ASTM D4048 | 1A |
| 4-ball Wear, ASTM D2256, mm | 0.51 |



Made in USA