

# NGS Sealant 5050



# NGS

## EXTRA HEAVY BALL VALVE SEALANT #5050

This is a synthetic emergency sealant for ball and gate valves with SEVERE leakage problems and pipeline valve stems in extreme service conditions.

Always use the lightest grade sealant before progressing to the heavier, more aggressive sealants to avoid complications with the sealant fittings and internal passages.

### DESCRIPTION

Heavier grades of #5050 are designed for use by qualified technicians ONLY. Contact NGS.COM for consultation prior to application of these products.

These heavy sealants are not recommended for use in plug valves except in an emergency. The excellent sealing ability of this compound may restrict internal sealant passages and/ or plug them completely. Purge sealant from the system after use. These products are not recommended for use in small diameter plug valves.

A synthetic sealant recommended for use in pipeline valves with more severe leakage problems.

### DESCRIPTION

NGS Ball Valve Sealant #5050 provides an insoluble film of lubricant to protect seal faces and reduce torque requirements. Specially processed particles of PTFE will seal scratches to sealing surfaces up to 0.030". It will not harden or plug off conventional giant buttonhead sealant injection fittings. #5050 is ideal for use in natural gas, oil, and related by-products. Use in ball, gate and plug valves, orifice fittings, valve stems and seat seals with minor to severe leakage problems. Use at refineries, wellheads, pump or compressor stations and in gas distribution systems. This product is suitable for crude oil, sour gas, CO<sub>2</sub>, water/ brine solutions, and refined petroleum product pipelines.

For best results, first inject Sealweld® Valve Cleaner Plus, then leave in the valve for 30 - 40 minutes (up to 8 hours for problem valves). Purge the system with NGS Total-Lube #911. Inject #5050 if #911 fails to hold a reliable seal.

#5050 is also available in heavier grades for severely leaking valves and emergency valve sealing conditions.

Extra heavy grades are blended with increasing amounts of PTFE. #5050 is designed for use by qualified technicians ONLY.

### Product Specification

Base Oil	Synthetic
Colour	Green
Drop Point	None
Texture	Tacky
Pressure	10,000 PSI
ASTM Penetration	200 - 250
Compatibility	Excellent
Solvent Resistance	Excellent
Special Additives	PTFE
Particle Size	Semi-micronized
Composition	Semi-liquid
Temperature Range	- 29°C to + 232°C - 20°F to + 450°F

