

GRIPSAFE[®] ST



DOUBLE BLOCK AND BLEED (DBB)
3/4" TO 24"*

APPLICATIONS

Flange Weld Testing — Pressurize between the two seals to hydrostatically test weld-neck flanges, identifying hoop stress failures, weld leaks, and pinhole leak paths while shielding personnel from unexpected pressure discharge.

Pre/Post Weld Operations — A dual-port design circulates water between the seals to deliver enhanced cooling throughout pre- and post-weld processes (available on 6"+ models).

Isolation — Protect personnel from hydrocarbon and process media exposure. Reduce the risk of injury caused by inadvertent valve openings, valve leaks, or upstream pressure equipment failures.

Positive Isolation Monitoring — Pressure held between the two seals confirms seal integrity, verifying the plug is effectively isolating the line.

Line Purging — Feed inert gas through the vent pipe and into the vessel to back-purge welds or displace oxygen for other critical processes.

Manufactured Exclusively by USA Industries
* Larger sizes available upon request

For the latest GripSafe patent and trademark information, go to:
<https://www.usaindustries.com/gripsafe-patents-trademarks/>



INBOARD INSERTION BLOCKING (IIB) REVERSE PRESSURE
3/4" TO 24"*

APPLICATIONS

Flange Weld Testing — Paired with a ported blind flange, GripSafe® IIB plugs apply longitudinal (axial), circumferential (hoop), and radial pressures to the weld joint — replicating the exact stresses of a full piping system hydro-test. This delivers a more complete validation than traditional flange test plugs (FTPs), which apply only hoop and radial stresses.

Pressure Vessels — Block outlet piping to pressurize vessels for cleaning, testing, or other process operations.

AVAILABLE FOR RENT OR PURCHASE



OUTBOARD RETRACTION BLOCKING (ORB)
3/4" TO 24"*

APPLICATIONS

Pipe Testing — Test pipe sections directly, with no flanges required.

Pipe Spool Testing — Perform hydrostatic testing on pipe spools without the need for end caps or welding.

Isolation — Protect personnel from hydrocarbon and process media exposure. Reduce the risk of injury caused by inadvertent valve openings, valve leaks, or upstream pressure equipment failures.

Line Purging — Feed inert gas through the vent pipe and into the vessel to back-purge welds or displace oxygen for other critical processes.

SAFETY & RELIABILITY

M-PIP-GSST-3N1-2.5.1

Instantly Secure — independent self-gripping technology engages the pipe automatically upon installation, mitigating the risk of plug ejection (auto-locking unavailable on IIB model).

Superior Self-Gripping — the wedge system distributes loading evenly across each gripping point for maximum surface contact and holding capacity.

Lighter Weight — weighs less on average than competing products.

Virtually No Pipe Surface Impact — the engineered wedge system grips the pipe without biting into the surface.

Non-Contaminating — safe for use on any metal type with no risk of carbon contamination.



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ENGINEERED INDUSTRIAL SOLUTIONS

