

VPG EMERGENCY™

PIPE REPAIR SYSTEM

Simply put, the VPG EMERGENCY™ Pipe Repair System is the fastest and easiest way to temporarily repair pipe leaks and bursts. Featuring the industry's fastest installation time of less than 60 seconds, VPG EMERGENCY™ is the smarter choice for emergency pipe repair.

**5x FASTER.
AND EASIER.**

**Extensive field testing
by the Royal Australian
Navy found VPG
EMERGENCY five times
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other leading
brands.***



VPG EMERGENCY PIPE REPAIR SYSTEM



The VPG EMERGENCY™ Pipe Repair System is the fastest and easiest way to temporarily repair pipe leaks and bursts. Taking less than 60 seconds to install and featuring a fully self-contained design, which does not require the use of tools, VPG EMERGENCY™ is the smarter choice for emergency pipe repair.

Made from marine-grade stainless steel and featuring an innovative, patent-pending design, the system features a Nitrile lip-seal, making it suitable for water, gas and most petroleum liquids.



Designed under contract by the Australian Government Defence Science and Technology Organisation (DSTO) for use by the Royal Australian Navy, the VPG EMERGENCY™ Pipe Repair System is also suited to a wide range of commercial uses, including: marine, oil and gas, mining, emergency services and plumbing applications.



- Fast and easy to install
- No tools required
- Fits pipe sizes ranging from DN 100 - DN 220 (larger sizes available on request)
- Can be applied to pressurised pipes (a version suitable for composite/brittle pipe work is also available)
- Robust and durable, featuring Nitrile lip-seal
- Metal components typically 301/304/316 SS for high corrosion protection

5x FASTER

Extensive field testing* found the VPG EMERGENCY™ Pipe Repair System five times faster to install than other leading brands.*

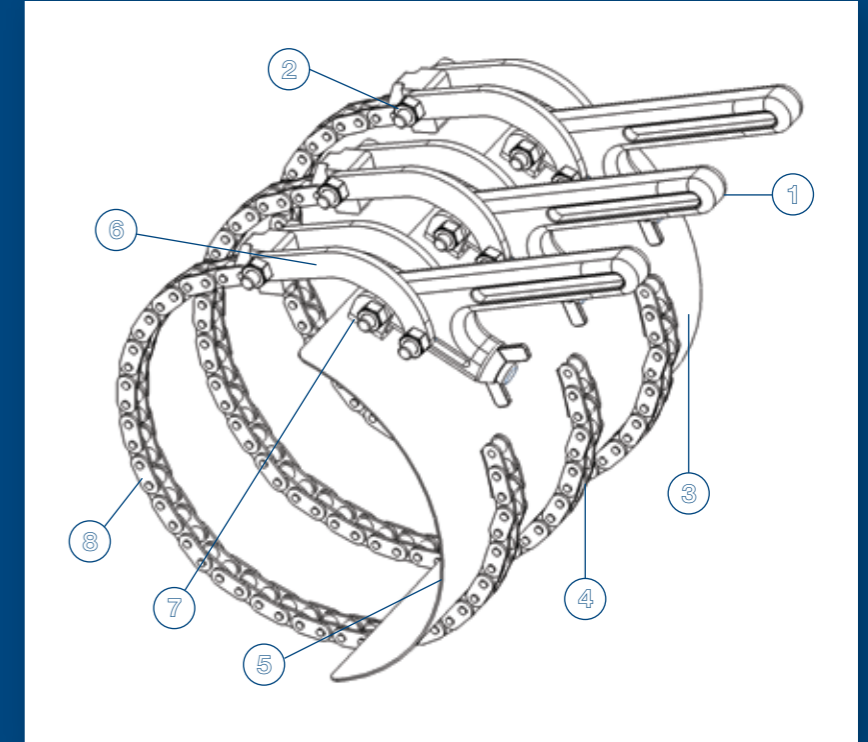
* Australian Defence Science and Technology Organisation (DSTO) (Victoria), 2011; Royal Australian Navy Damage Control Testing Facility, HMAS Cerberus (Victoria), 2011; Royal Australian Navy Combat Survivability Group (NSW), 2011.

* Standard Jubilee Pipe Patch; Band-it Banding Clamp.

	VPG	OTHER*
Average Repair Time	<1 min	6 min
Tools Required	✘	✓
Persons Required	1	2
Easy to Install	✓	✘
One Size Covers 100 - 220mm	✓	✘

VPG EMERGENCY CONSTRUCTION

- 1 Locking Handle
316 Stainless Steel
- 2 Adjustment Nut Assembly
316 Stainless Steel
- 3 Weldment Plate
316 Stainless Steel
- 4 Chain Hook
316 Stainless Steel
- 5 Sealing Gasket
Nitrile Rubber
- 6 Linkage Arm
316 Stainless Steel
- 7 Pivot Assembly
316 Stainless Steel
- 8 Tension Chain
Dacromet Chain



SELECTING THE CORRECT CLAMP LENGTH

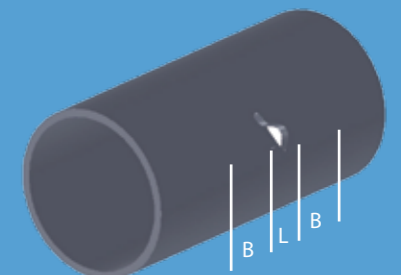
When repairing a damaged pipe, it is important to ensure sufficient rubber gasket contact between the the edge of the damaged area (refer to "L") and the edge of the clamp. The table below provides a guide to clamp selection, where "B" is the minimum recommended sealing width between the damaged area (L = width) and the end of the clamp.

Nom. Diameter (DN)	Min. Seal Length B (mm)
100 - 220	15 mm

Clamps can be ordered individually or supplied in various quantity/kit configurations.

MINIMUM RECOMMENDED CLAMP LENGTH = L + 2B

EXAMPLE: if the damaged area measures 20 mm, then a 60 mm Single Clamp should be used. (L = 20; 20 + [2 x 15] = 50 mm)



SPECIFICATIONS

	Single Clamp	Dual Clamp	Triple Clamp	Quad Clamp
Clamp Width	60 mm	148 mm	210 mm	272 mm
Clamp Pipe Range	100-220 mm	100-220 mm	100-220 mm	100-220 mm
Clamp Maximum Pressure	16 bar	16 bar	16 bar	16 bar
Clamp Weight	0.7 kg	1.9 kg	2.9 kg	3.8 kg
Order Part Number	VPG-SC-S-1	VPG-DC-S-1	VPG-TC-S-1	VPG-QC-S-1

Note: VPG EMERGENCY can be ordered individually or supplied in various quantity/kit configurations. Larger sizes can be made to order.

ABOUT VALLEY PRECISE GLOBAL

Valley Precise Global (VPG) develops a range of pipe repair clamping systems and accessories for commercial and military use. Featuring innovative product design, each system is exhaustively tested to ensure longevity in the harshest of environments, combined with ease and speed of use. VPG was established in 2010 to manufacture the VPG EMERGENCY Pipe Repair System under license to the Australian Government Department of Defence (DSTO).

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Valley Precise Global Pty Ltd.
(ABN 78 145 599 748)
is a joint venture between
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Valley Engineering Pty Ltd.



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