



**PVEG
VALVES**

THE SOLUTION YOU'VE BEEN LOOKING FOR

LAROX PVEG VALVES

The Larox PVEG is a general purpose pinch valve. Compact by design, the reliable PVEG valves are well suited for a wide range of applications, which require resistance to abrasion, pressure or aggressive media. Larox PVEG valves offer substantial savings through improved performance, longer service lifetime and lower maintenance costs.

TECHNICAL FEATURES

- 100% Tight
- Full Bore
- Only the Sleeve is in Contact with the Medium
- Long Lifetime
- Flexible Sleeve

PROCESS BENEFITS

- Low Maintenance Costs
- No Jamming or Clogging
- Trouble-free Operation
- Long Service Intervals
- Reduced Cost of Ownership

Thousands of Larox PVEG valves are currently operating in mining and metal industries, minerals processing, pulp and paper, chemical process industries and energy production. Numerous applications also exist in municipal and industrial water and effluent treatment.

In many applications, the PVEG valves can easily replace often problematic ball, plug and diaphragm valves.

The product is available direct from stock.

LIGHT, DURABLE AND RELIABLE

Larox PVEG body material is polyamide blend, which makes it light, durable and suitable for a multitude of applications. The PVEG valves have standard face-to-face ANSI B16 dimensions, and are equipped with an actuator or a hand wheel for working pressure of up to 6 and 10 bars, respectively. Compared to ball, plug and diaphragm valves, Larox PVEG valves have been priced attractively and offer reduced cost of ownership through a longer service lifetime.

The valves are easy to handle and do not require any special maintenance. Weighing less than conventional valves and requiring less piping support, the PVEG valves can help save in installation and maintenance costs. Also, the rubber sleeve flange acts as a gasket and no additional gaskets are required.



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The operating principle of a Larox PVEG valve is simple. In the open position, the valve is at full bore with no flow restrictions thus making the valve an integral part of the pipeline. The PVEG valves provide a 100% tight shut-off.

THE CORE OF THE PVEG VALVE

The core of the Larox PVEG valve is its elastic sleeve, which is the only part in contact with the medium. The full bore sleeve integrates the valve to the pipeline. Designed to withstand wear, corrosion and chemicals, Larox sleeves guarantee non-clogging, trouble free operation and extended lifetime. The sleeves are 100% tight.

Larox sleeves are handmade layer by layer in a quality process covered by ISO 9001:2000. The standard sleeve design consists of three sets of layers: the inner layer, the reinforcement layers and the outer layer.

- The inner layer, which is the only part in contact with the medium, is resistant to wear and chemicals
- The reinforcement layers give the sleeve its pressure retaining capability
- The outer layer protects the sleeve

SLEEVE MATERIALS

**SBRT styrene butadiene,
Larox blend**

- For heavy wear applications

EPDM ethylene propylene

- For chemical applications



TYPICAL APPLICATIONS

Larox PVEG valves are well suited for on/off and full shut-off applications involving light slurries lines, liquids, suspensions, sludge, granulated materials or powders.



Typical applications range from mining industry and chemical process industries to pulp and paper as well as power plants. Applications also exist in municipal and industrial wastewater and raw water treatment.

INDUSTRY EXAMPLES



1



2



3



4

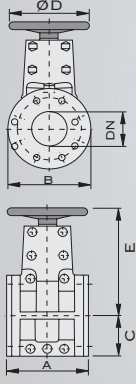
1. Larox PVEG valve in a sugar beet plant.

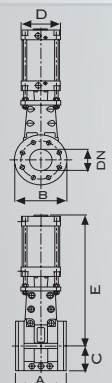
2. The PVEG-C with an EPDM sleeve is designed for light chemical applications. It features non-corroding bushing, corrosion resistant hand wheel, acid-proof bolts and nuts for added resilience.

3. Larox PVEG valves in operation in a gravel and sand application.

4. In a copper mine, Larox PVEG valves handle copper concentrate slurry in a thickener underflow.

VALVE DIMENSIONS

	DN (mm)	50	80	100	150
	A	178	203	229	406
	B	165	209	235	280
	C	82.5	104.5	117.5	140
	D	175	200	225	400
	E	230	290	320	450
	WEIGHT (kg)	6	8	11	26
	MAXIMUM PRESSURE (bar)	10	10	10	10
	TYPE MARKING	PVEG50M10	PVEG80M10	PVEG100M10	PVEG150M10

	DN (mm)	50	80	100	150
	A	178	203	229	406
	B	165	209	235	280
	C	82.5	104.5	117.5	140
	D	116	136	176	270
	E	435	545	630	840
	WEIGHT (kg)	11	18	27	74
	MAXIMUM PRESSURE (bar)	6	6	6	6
	TYPE MARKING	PVEG50A6	PVEG80A6	PVEG100A6	PVEG150A6

TECHNICAL SPECIFICATIONS

PVEG-M AND PVEG/C (Manually operated valves)

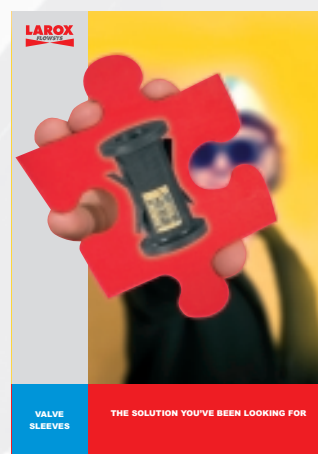
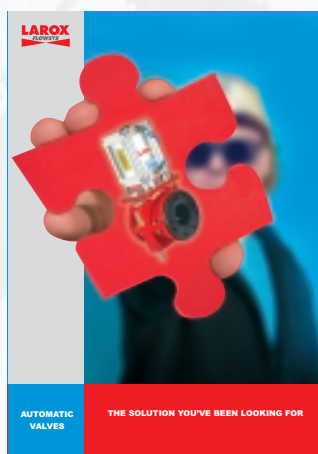
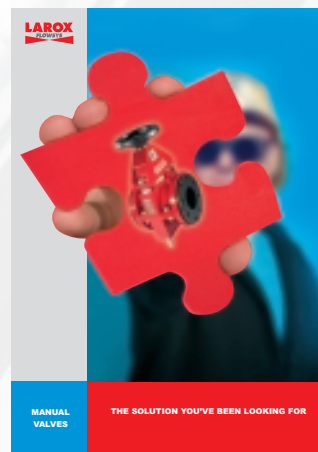
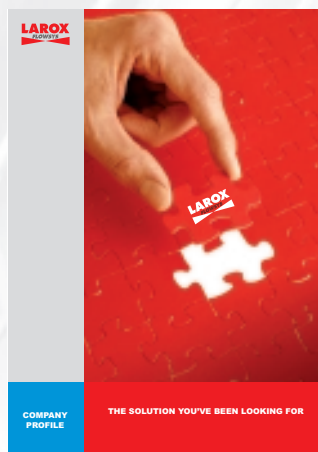
PVEG-A AND PVEG/C-A (Pneumatically actuated valves)

- Enclosed body type
- Size range: 50 mm, 80 mm, 100 mm, 150 mm
- Working pressures: 0 to 10 bar (g) PVEG-M and PVEG/C-M
0 to 6 bar (g) PVEG-A and PVEG/C-A
- Temperatures: -50°C to +70 °C
- Body material: polyamide blend
- Sleeve materials: SBRT, EPDM
- Flange drillings: ANSI 150, DIN PN10
- Air supply pressure for PVEG-A and PVEG/C-A: min 6 bar
- Auxiliaries for PVEG-A and PVEG/C-A:
magnetic limits, solenoid valve





FOR YOUR LOCAL LAROX
REPRESENTATIVE SEE
WWW.LAROX.FI



TYPE APPROVAL
P-11460



ISO 9001

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