



Certified Low-E Valve Packing

Ideal for Emission Control

VSP Technologies supplies end-user compression packing solutions for valves, pumps, and other rotating equipment, offering materials engineered to perform across a wide range of industrial applications. Sourced from industry-trusted manufacturers, our packing solutions are designed to deliver reliable sealing, reduced leakage, and extended equipment life.

From general service to severe operating conditions, our team helps customers select packing that meets your application requirements, ensuring dependable performance in the field.



Packing Offerings

- ▶ Packing Offering
- ▶ Molded Seals
- ▶ Braided Packing
- ▶ PTFE & ePTFE
- ▶ Carbon/Graphite
- ▶ Fiber
- ▶ Finished Packing Sets
- ▶ Pump Packing Sets
- ▶ Valve Packing Sets
- ▶ Engineered Packing Kits

VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

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Kingsport, TN | Houston, TX | Parkersburg, WV | Nitro, WV | Lake Charles, LA | Baton Rouge, LA | Minneapolis, MN

VSP Technologies' Ecomap™ program is designed to help companies address Enhanced LDAR Consent Decree Compliance as well as support companies that seek best available control technology (BACT) with lowest emission (Low-E) packing and gaskets.

To help companies meet these stringent standards VSP Technologies uses a 6-Sigma process encompassed in our Ecomap™ program:

- 1** Represents materials that meet API standards for Low-E
- 2** Provides ASME peer reviewed tools, expertise and experience to help companies make informed decisions concerning materials/products specifications with torque/compression guidance
- 3** Provides training and procedures to ensure that valve and flanged connection sealing elements are properly installed
- 4** Provides documentation support to help demonstrate BACT to meet Consent Decree Compliance

Ecomap™ Low-E Approach

The new API 622 standard requires packing to meet a minimum average emission rate of less than 100 ppm with ZERO single readings above 100ppm allowed throughout the duration of the test. API 622 2nd edition tested and qualified API 624 tested and qualified for valve OEMs Fire safe to API 607

ChevronTexaco Standard tested and passed Valve Packing Emission Warranty

- Extremely low published emissions for any spool packing per API 622
- Currently meets and exceeds requirements for enhanced LDAR and Consent Decree Compliance
- Engineered packing set emissions capability from a single spool of packing
- Fits a wide range of block valves, thus minimizing inventory
- Minimizes installation errors compared to two or multi-spool packing designs
- Simplifies field installation versus multispool products
- Meets Consent decree requirements
- with Low E Valve packing technology
- Reduces LDAR monitoring costs

Featured Packing Styles

Teadit® Style 2236

Sepco® 622 Fugitive Emissions Packing