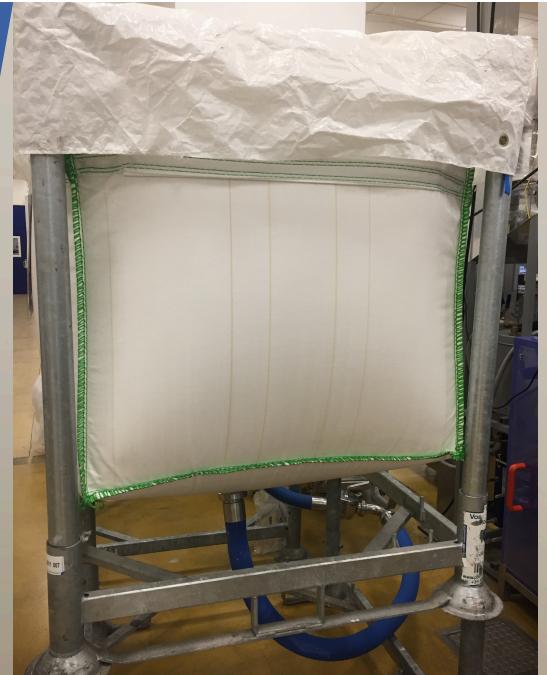


COMPANY USE CASE

Silicone free 2" DN50 Q2 Viton Valve: Chemical resistance and durability in demanding applications.



CONTEXT & COMPANY SITUATION

For industries where chemical resistance and durability are crucial, the 2" DN50 Q2 Viton Valve offers a unique solution. This includes applications in the cosmetics industry and environments where products are sensitive to silicone. The valve is produced in the Netherlands in a BRC-certified factory, with assembly in an ISO 7 cleanroom.



OBJECTIVE

To develop a reliable, easy-to-use and durable valve that can withstand chemical influences and higher temperatures, and that leaves the factory fully traceable and tested.



RESULTS

- Worldwide the only supplier of 2" DN50 Viton valves.
- Strong performance with products that are chemically demanding or contain silicone.
- Proven reliability through 100% leak testing on every valve leaving the factory.
- High durability and suitable for multiple opening/closing cycles.
- Operators appreciate the simple setup and robust construction.



APPROACH / DESIGN

- **Material:** high-quality Viton seal, silicone-proof and BPA-free.
- **Construction:** two-component valve, very strong and robust, resistant to high peeling and extraction forces. Polyethylene valve base can be welded directly onto the liner bag, and the valve can be pressed into the production line.
- **Temperature range:** 5–80°C (not steam-sterilizable).
- **Design:** easy to open and suitable for multiple uses.
- **Setup:** easy to assemble, no metal components in the construction.
- **Production:** made in Holland, BRC-certified, ISO 7 cleanroom assembly.
- **Quality:** every valve undergoes a 100% leak test before it leaves the factory.



CONCLUSION

The 2" DN50 Q2 Viton Valve is the only solution worldwide that combines high-quality Viton seals with a robust two-component construction. Thanks to its chemical resistance, durability, and traceable production processes, the valve offers certainty for manufacturers in demanding sectors such as cosmetics and chemicals.



LEARNINGS

- Ideal for applications where chemical resistance and sensitivity to silicone are important.
- Not suitable for steam applications; pay attention to the temperature range (5–80°C).
- Valve base compatibility with other two-component valves (such as 2" S60, 2" DN50 steamable, and 2" DN50 non-steamable) allows liner manufacturers to easily switch between different valve solutions.



CUSTOMER FEEDBACK

Customers confirm that the valve is reliable, even in demanding cosmetics applications worldwide, and they especially appreciate the ease of installation and user-friendliness.