ASEPTCONN AG

PVDF Plastic Welding



About Us

Aseptconn is a leading provider of components, products, software, and systems for sterile liquid technology, primarily serving the pharmaceutical and biopharmaceutical sectors. With innovative products and expert advice, Aseptconn helps sustainably improve its customers' processes. Its extensive product portfolio and varied services make it the preferred supplier for many renowned international pharmaceutical companies.

Service Description

We offer specialized PVDF plastic welding services, carried out by highly skilled welders. Our welding method stands out for its speed, reliability, and superior quality. Attentive to your requirements, we tailor our solutions to meet your specific needs and quality standards.

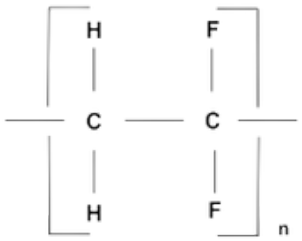


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PVDF Plastic Welding

What is PVDF

PVDF (Polyvinylidene fluoride) is a highly specialized thermoplastic fluoropolymer, renowned for its exceptional resistance to chemicals and high temperatures. Used as a metal cladding material, PVDF can operate effectively at temperatures up to 175°C while providing remarkable inherent fire resistance. This material is also highly resistant to abrasion and has a low microbiological attachment potential, making it an ideal choice for demanding environments.



Applications of Plastic Welding

Our welding service is frequently requested in the following situations:

- Modification of existing piping: Interventions on PVDF systems (PVDF to PVDF or connections between different materials).
- Adaptation of installations: Updating infrastructures to match the circulating product.
- Repair of worn-out parts: Maintenance and repair services to extend the life of equipment.
- New installations: Design and implementation of entirely new systems.

Uses of Plastic Welding:

Plastic welding offers many advantages, such as:

- Speed, ranging from 5 to 18 minutes per piece
- High quality, thanks to automation processes
- Guarantees pharmaceutical quality standards (no weld burrs on the inside)
- A welding log is provided with each weld
- Reliability and high structural resistance