ULTRA-HIGH PURITY TANKS

HIGH QUALITY COMPONENTS

HIGH PURITY TECHNOLOGIES

Pfaudler
Defining the standard
Pfaudler International
One single source responsibility with access to all Pfaudler Technologies, Systems, Services worldwide

Pfaudler is a global Group offering a wide range of corrosion-resistant technologies, systems and related services for the chemical, pharmaceutical and food industries.

Edlon, Interseal, Montz, Mavag, Normag and Pfaudler are our Branded Product Lines. These product lines are specialized and perfectly integrated to meet the most complex Client needs. We are in the position to offer a complete turn-key package for each of the critical aspects of chemical and pharmaceutical processing.

Technologies and process systems of our Group are installed in more than 100 countries and across six continents.

Unique expertise and skills, manufacturing capability, targeted investments in strategic markets, innovation and competitiveness allow the Pfaudler group to be a landmark in the industry.

Around the world our Customers rely on the quality and performance of our supply to obtain efficient, reliable, profitable and safe chemical process systems.

Our network organization is designed to:
- strengthen our local presence alongside Customers and markets;
- accelerate decision-making processes through a less-centralized management;
- improve Pfaudler’s ability to attract new talent at the local level.
EDLON® Fluoropolymer Tanks Features and Benefits

EDLON® offers Fluoropolymer linings for a variety of applications, including process vessels and storage tanks, tailored to meet the highest purity requirements.

EDLON’s engineers work with you to determine the optimal fluoropolymer solution to your specific application. Custom design and engineering are key elements of EDLON’s foundation. Each problem is unique, and EDLON’s 50+ years of experience provides the broad scope of knowledge necessary to offer the best solution for your particular application.

We cater to manufacturers and suppliers alike who are concerned with removing the last traces of metal ions, silicate and particulate contamination. EDLON’s high purity linings are some of the best in the industry utilizing EDLON’s breadth of capabilities, product knowledge, and high purity manufacturing skills.

EDLON is a world leader in key technologies including Pure-Fusion™ seaming, vacuum forming, thermoforming, rotolining, and machining. Each technology utilizes a proprietary fabrication technique to ensure maximum levels of product purity while resisting chemical corrosion. Highly skilled technicians are able to travel to your site for repairs and installation needs.
EDLON® Fluoropolymer Tanks
Features and Benefits

- Carbon Steel or Stainless Steel with PFA or PTFM bonded liner
- Dual laminate FRP with PFA or PTFM bonded liner
- HDPE with PFA or PTFM loose liner
- Carbon Steel or Stainless Steel with ETFE rotolining
- Coils for heating and cooling
- Continuous PFA coils
- Optional Static dissipative PFA tubing for fluorinated solvents
- Many head designs available: flat, dished, conical
- Atmospheric — high pressure rating

- Seismic calculations
- PE stamps
- ASME
- RTP-1
- Engineering assistance custom tailored to your facility provision and process requirements
- Clean up quick
- Cleaned with 18MΩ semiconductor grade DI water system and lint-free wipes
- Clean room fabrication technique
- 20L – 30,000L or greater
EDLON®
Pure-Fusion™ Welding

EDLON Fusion Welding Offers Worry-Free Operation

Secure & Pure™ Pure-Fusion fluoropolymer (PTFE/PFA/FEP/ETFE/ECTFE/PVDF) loose and bonded liners for ultra-high-purity bulk chemical day tanks, slurry tanks, and storage equipment assure product purity and our seam welds maintain vessel integrity batch after batch, year after year.

EDLON utilizes our fusion welding technique to not only seam together sheet liners, but also to install nozzles into liners. EDLON’s fusion welded nozzle seams enable us to eliminate some of the most common failure modes, such as vapor permeation through a weak air weld. Fusion welded seams significantly reduce stress risers and the risk of stress-cracking that is normally associated with industry standard root weld and cap strip (hand air welds) in these critical areas.

- Heads thermoformed for exact fit and exceptional bond to substrate
- Pure-fusion welds used as principal sheet joining method
- Less seams = less possibility for problems
- Use of low stress design and fusion welds greatly improves liner life
- Fusion welded seams are flat, smooth, and virtually invisible, leaving no step or crevice between liner sheets for metal ion contamination, or other impurities to collect and possibly affect your process.
EDLON is part of the Pfaudler Group.

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