

EDLON

Fluoropolymers

Ultra High Purity Tanks



GMM
Pfautler

EDLON

— Fluoropolymers

Edlon is the expert in engineered polymer and fluoropolymer material, with over 50 years of experience in creating specialized high-tech solutions.

During the late 1950's and early 1960's, Edlon leveraged the unique properties of fluoropolymers to support customers in the fields of corrosion resistance, release characteristics and high-purity applications. It was the first to develop a fusion welding process capable of coalescing long-length Fluorinated Ethylene Propylene (FEP).

Edlon today has extensive capacities for processing a wide range of fluoropolymers through a significant variety of manufacturing techniques. Our technology is unmatched in terms of knowledge to provide innovative solutions and ability to solve customers' most challenging problems.

Edlon, smart solutions using Fluoropolymer Linings & Coatings!

PRODUCTS & EQUIPMENT

Fluoropolymer Loose Linings

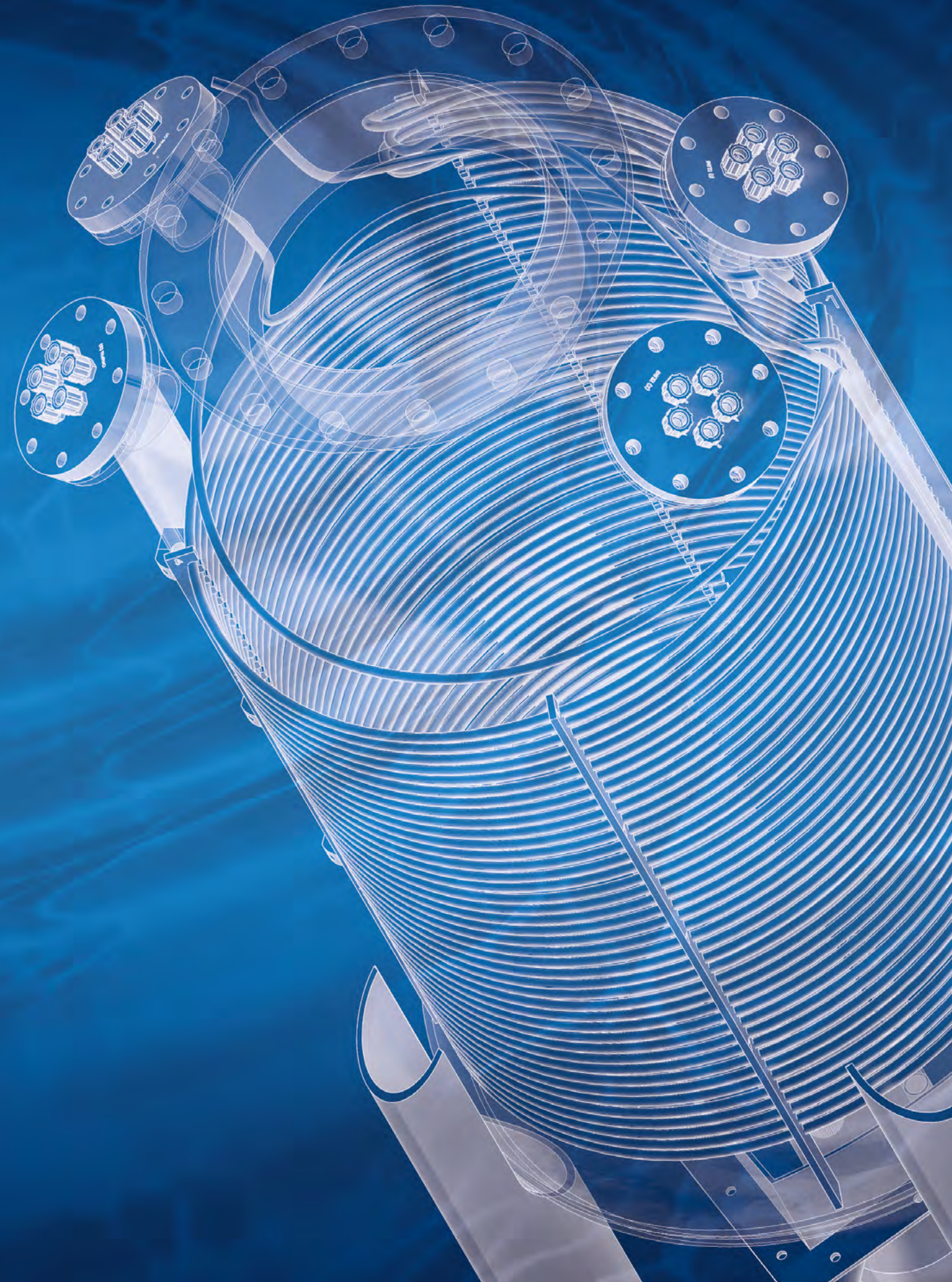
Thick PFA and ETFE Lining

Engineered Fluoropolymer Coatings

Fluoropolymer Column Internals

Secure and Pure™ Products

Ultra-High Purity Fluid Handling Products



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.



HIGH PURITY
TECHNOLOGIES

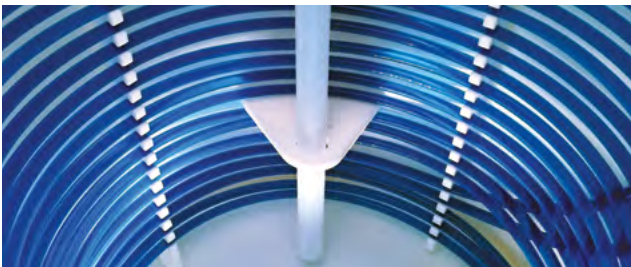
HIGH
QUALITY
COMPONENTS



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

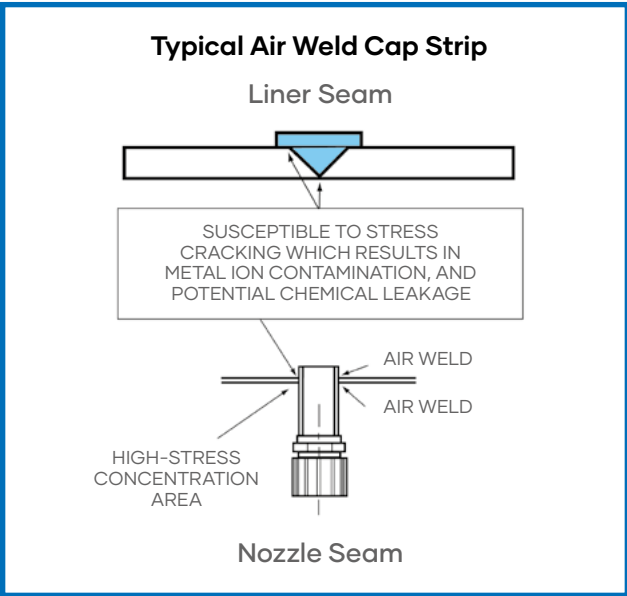
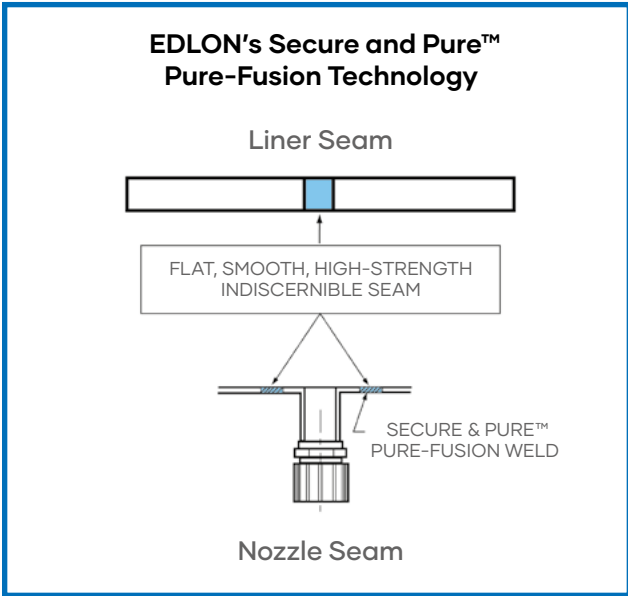
EDLON Fusion Welding Offers Worry-Free Operation

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.



Worldwide Presence



GMM Pfaudler is a global leader in corrosion-resistant technologies, systems, and services for the chemical, pharmaceutical, food and energy industry.

Our Branded Product Lines that include PFAUDLER, NORMAG, MAVAG, MIXEL, MIXION, INTERSEAL, EQUILLOY, EDLON and HYDROAIR showcase our strength as a group, our capabilities, and our pursuit for constant innovation. With an end-to-end solutions-oriented approach, a global footprint, and a perfectly integrated offering system we are able to meet complex industry demands worldwide.

GMM Pfaudler is driven by 1800+ individuals across 4 continents and 16 global manufacturing facilities around the world. The Group's targeted investments in strategic markets, innovation and competitiveness paves the way forward for GMM Pfaudler's continued legacy.

80+ Countries

1800+ Employees

04 Continents

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1Edl - 6E | 06/2023