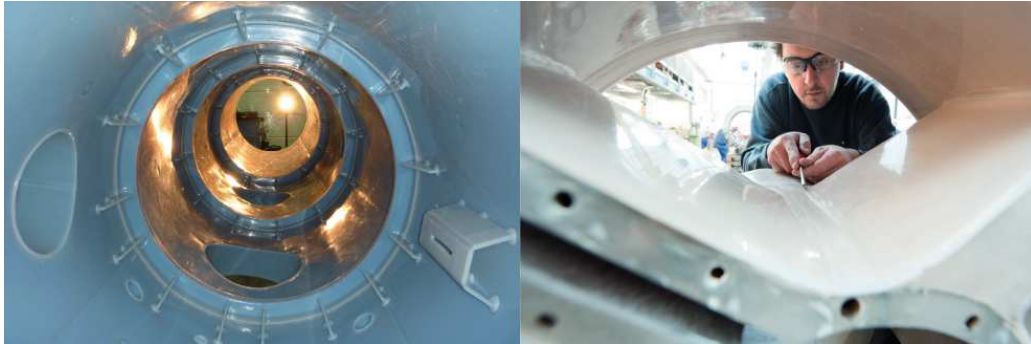


# Symalit Fluoropolymers

## Heavy Duty Corrosion Protection



## Heavy Duty Corrosion Protection

### Symalit Fluoroplastics

Lining materials from Symalit melt-extruded fluoropolymers are the ultimate material choice for building equipment, and are suitable for service with the most aggressive media, even at elevated temperatures.

### Advantages

Symalit lining materials are resilient and durable and can be applied in almost every geometry. The inert, non-degrading Symalit surfaces allow longer life spans leading to unprecedented equipment performance.

### Benefits

Corrosion and cross-contamination problems synonymous with less resistant plastic materials and metals can be solved. Market leading Symalit semi-finished lining products are produced under tightly controlled conditions to consistent reliability and safety, proven in numerous applications since more than 35 years.

## Key Properties

- ❖ Almost universal chemical resistance
- ❖ Application temperature – 190°C / -310°F to +260°C / +500°F
- ❖ No plasticisers or additives
- ❖ Highest purity and non-stick properties
- ❖ Food contact compliant



## Typical Applications

- ❖ Heavy duty corrosion protection in chemical, photovoltaic and semiconductor industry
- ❖ Metal pickling applications
- ❖ Condensing heat exchangers and flue gas ducts
- ❖ Transport and storage of ultra-pure and corrosive media



## Product Availability

- ❖ Partially fluorinated: PVDF, PVDF-Flex, PVDF ESd, ECTFE
- ❖ Fully fluorinated: FEP, PFA
- ❖ Knitted fabric backed for bonded lining of steel and FRP
- ❖ Surface treated or knitted fabric backed liner pipes for FRP-reinforcement
- ❖ Natural foils, plates and pipes for multifaceted installations

