



Symalit® Fluoroplastics

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.



Symalit® Fluoroplastics – At a Glance

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

* Product dependent

Typical Applications

- Heavy-duty corrosion protection in chemical, photovoltaic and semi-conductor 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



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