



Covering and Lining Sena Plastics

On demand our products can be adapted to your needs. Please, don't hesitate to ask.

Corrosion and abrasion costs in the processing industry billions of euros every year. As it mainly affects metal surfaces, casings, coatings and liners provide an effective protection. Unlike coatings, liners made of thermoplastic materials have the advantage of forming and extruded, homogenous layer which guarantees low permeation. It is also possible to create thicker layers which offer more reliable resistance to chemicals and impact.

The manufacturing process:

There are two possibilities for coating fragile surfaces: Vacuum bonded, or mechanically. The manufacturing method will depend on the installation process. The lining will be chosen based on chemicals and temperatures. It can be 100% waterproof or not.

The thicknesses can vary from 2 to 5 mm.

Lining materials:

<i>Thermoplastics:</i>	<i>Fluoroplastics</i>	<i>Special products</i>
PE-HWU	PFA	TIVAR® QuickSilver®
PE-EL	FEP	
PP-C	MFA	
PVC	E-CTFE	
	PVDF	

Applications:

- Lining for centrifuges in the chemical industry with 2.3 mm FEP guarantee very high chemical and corrosion resistance and protect centrifuges against damage caused by solid.
- E-CTFE offer a cost-effective and reliable solution with a long service life, for steel pressure Vessels.
- Multi-stage Scrubbing columns made from PP / FRP
- The TIVAR® and QuickSilver® linings offer the ideal solution for the operators of bulk goods system, like silos, hoppers, delivery lines and transport. They are characterised by their flow-promoting properties, wear-resistant surfaces and high impact strength.

Advantage:

- High chemical protection
- Consequent thickness
- Long lifetime
- Complex shape and geometry
- The repair is possible
- Lining for old and new device.

