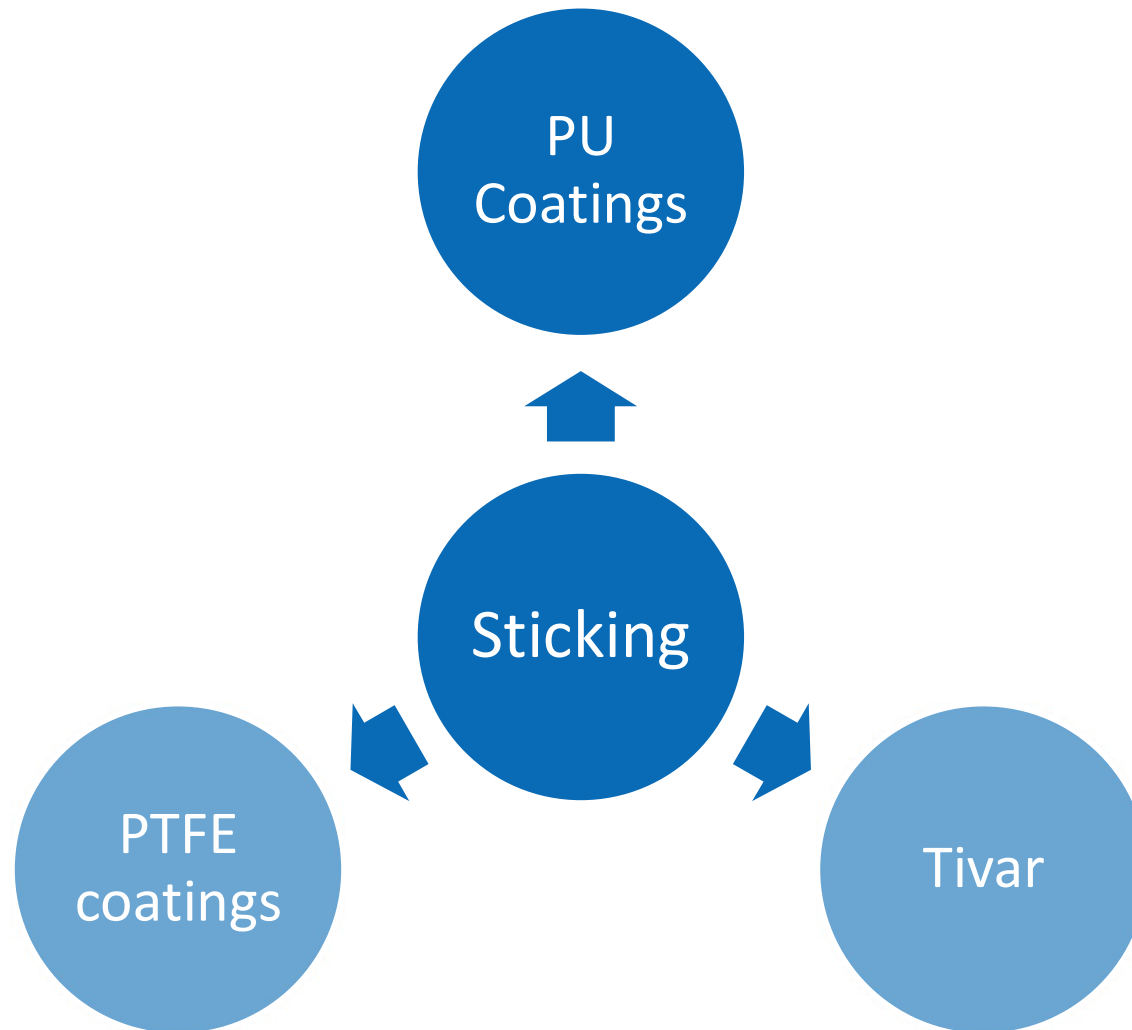


VATIS

PU Coatings

Oplossingen tegen slijtage en aanplakken



- Plastic coatings applied by spraying technology and thermal treatment to provide porosity free protective surface layer with excellent bonding.
Coatings are applied to provide corrosion protection and/or anti-stick properties.
- Key Benefits at a Glance
 - Very low coefficient of friction
 - Easy application also of complex geometries
 - Temperature range up to 260 °C (max. 290°C)
 - Coating layer:
 - Anti-stick: 30 – 120 µm
 - Corrosion protection: 400 – 1000 µm
 - Wear resistant
 - Food approval: FDA 21 / CE (1935/2004)
- Typical coatings
 - Corrosion protection: Halar coatings E-CTFE
 - Anti-stick: Teflon based coatings (PTFE, PFA, FEP)

Corrosion protection coatings

- We offer a wide range of different corrosion protection coatings and additional features like anti-adhesive surface, Food approval, wear resistance or electrical discharge.
- Typical coatings are
 - Halar E-CTFE (400 – 1000 µm; excellent corrosion resistance)
 - Proco-E-CTFE: anti-static (black)
 - E-CTFE 3002 : food approval
 - PFA Ruby Red : high temp. (260°C)
 - PA11 – Rilsan : for small sizes & complex geometries
 - ...

Typical PTFE / FEP coatings

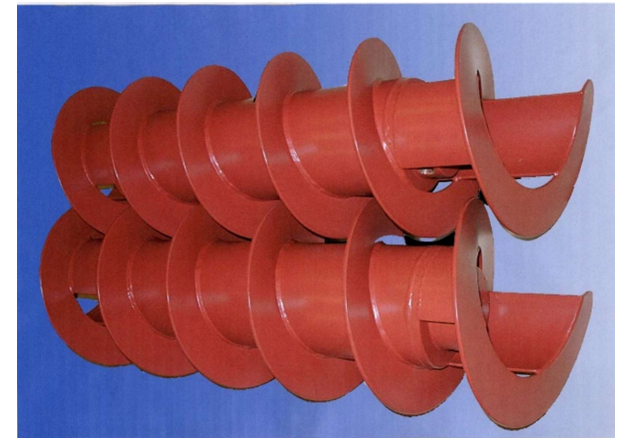
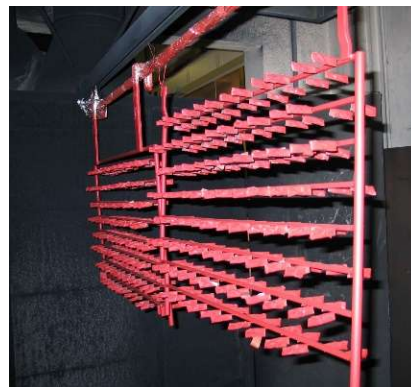
	PTFE 1010	PTFE 1642	PTFE 5877	PTFE 5838	PTFE 8700	FEP 1235	FEP 8840	PTFE G3 RESIST
color	black, grey	black	black	Brown, silver	metallic	green	Green, brown,red, metallic	metallic
layer	30 µm	15 µm	30 µm	30 µm	30 µm	30 µm	30 µm	40 µm
max.	50 µm	40 µm	50 µm	60 µm	35 µm	50 µm	50 µm	60 µm
FDA			x	x	x	x	x	x
Max. T	285 °C	150 °C	250 °C	250 °C	250 °C	200 °C	200 °C	250 °C
Process T	250 °C	100 - 180 °C	380 °C	360 °C	420 °C	400 °C	400 °C	400 °C
anti-stick	good	good	excellent	good	excellent	good	good	excellent
Corrosion resistance	good	-	good	good	good	good	good	good

Typical applications

- Vessels in chemical, food and semi-conductor industry

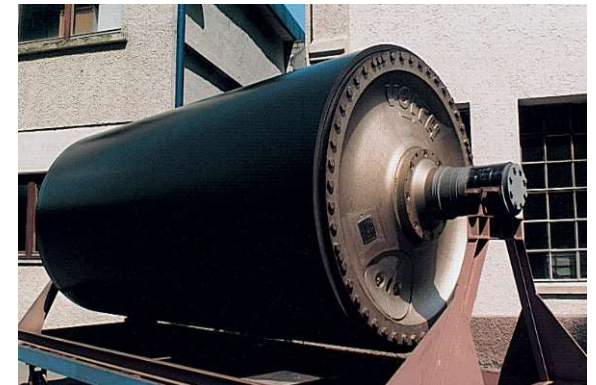


- Product carriers in painting, glass, sensitive metal goods, electroplating, semiconductor



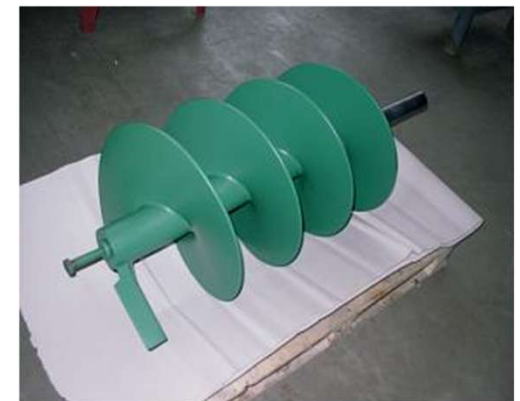
Typical applications

- Vessels and cylinders in chemical, paint, glue, paper, film, food and dairy industry



Typical applications

- Rotors in paper, wood, air, paint, conveyor...



PTFE coatings – typical applications

Vessel



Roller



Carrier



Fittings



Blower



Filter



Foster



Mixing



Labor



Tubes



Plastic



Paint



Light



Design



Seal



Heatexchanger



Spring



Screws



Knives



Bearing



Electroplating



VATIS

Oplossingen tegen slijtage en aanplakken



Vatis bv
Elzasweg 12
BE-2030 ANTWERPEN
+32 9 366 63 91

info@vatis.be
www.vatis.be