



The Ultimate in Powder Coating

Fluoropolymers for Seamless Protection
Against Chemical Attack

Chemical processes in industrial settings can be incredibly harsh, often leading to premature deterioration of equipment such as vessels, pipework, pumps, and valves. However, the need for frequent maintenance and replacement can be significantly minimised by applying our advanced protective coatings to safeguard equipment exposed to corrosive fluids.

Unmatched Durability with Fluoropolymer Coatings

Our Fluon® and Fluon+™ powder grades offer unparalleled chemical resistance and barrier properties, even in the demanding conditions of the chemical process industries. These coatings not only provide exceptional protection but also ensure the highest quality of processes, particularly in sensitive sectors like Life Sciences and semiconductor manufacturing where purity is paramount.

Tailored Solutions for Enhanced Performance

From long-lasting electrical resistance to non-stick performance and uniform coating thickness, our coatings offer a multitude of benefits for diverse applications, ensuring consistent performance and prolonged equipment lifetime.

Features:

- ⊞ Chemical and abrasion resistance
- ⊞ Seamless coating
- ⊞ Naturally low flammability
- ⊞ Non-stick
- ⊞ Uniform coating thickness
- ⊞ Primerless* on metal
- ⊞ FDA approved

Benefits:

- ⊞ Enhanced lifetime and lower maintenance
- ⊞ No weak points against chemical attack
- ⊞ UL94 V-0 and LOI approx. 32
- ⊞ Minimal chemical residue build up
- ⊞ Consistent performance on complex geometries
- ⊞ Enhanced production efficiency
- ⊞ Food contact safe

*Primer is required for LM-2150

Tailored Grades for Rotolining, Rotomoulding and Spray Coating

A comprehensive range of Fluon® coating grades, tailored for electrostatic spray coating, rotolining, and rotomoulding, are available in various particle sizes to meet specific application needs. Our specialised grades, including ETFE and LM-ETFE, offer a range of melting points, particle sizes, and application thicknesses, catering to specific requirements for rotolining, rotomoulding, and spray coating applications.

Rotolining and Rotomoulding

Grade	Type	Melting Point (°C)	Particle Size (µm)	Application Thickness	Notes	FDA
TL-581	ETFE	260	250 – 300	2 – 5mm		✓
LM-2300	LM-ETFE	225	300 – 500	2 – 5mm	Glossier finish	✓
EA-2000 PW50	Adhesive PFA	298	150 – 200	1 – 3mm		✗

Spray Coating Grades

Grade	Type	Melting Point (°C)	Particle Size (µm)	Application Thickness	Notes	FDA
Z-8820X	ETFE	260	20 – 30	50 – 200µm		✓
TL-081	ETFE	260	50 – 150	Up to 900µm		✓
LM-2150	LM-ETFE	225	80 – 100	Up to 900µm	Glossier finish	✓
ZL-520N	ETFE	260	70 – 80	200 – 800µm	20% carbon fibre	✗
ZL-521N	ETFE	260	50 – 60	Topcoat for ZL-520N	5% carbon fibre	✗
CP-801XGN	Green ETFE	260	50 – 150	Up to 800µm	For FM ducting	✗
EA-2000 PW10	Adhesive PFA	298	20 – 50	50 – 200µm		✗

We are committed to providing innovative and tailored solutions to meet your unique corrosion protection needs, ensuring the longevity and performance of your critical equipment.

Experience the Future of Corrosion Protection with Fluon®

Unleash the power of Fluon® and safeguard your investments for a future of uninterrupted performance and reliability. Contact us today to explore how Fluon® can elevate your operations to new heights.



AGC

AGC Chemicals Europe, Ltd.

Hillhouse International, Fleetwood Road North
Thornton-Cleveleys, FY5 4QD, UK