

## **Fluoropolymers for High Performance Coatings**

### **Adhesive Fluoropolymer Powders**

Fluon® ETFE and PFA are thermoplastic fluoropolymers produced by AGC Chemicals, the world's largest manufacturer of ETFE.

These adhesive fluoropolymer powders offer the following advantages:

- Excellent chemical resistance ensuring less chance of corrosion
- Outstanding heat resistance (up to 260°C)
- Exceptional electrical properties
- Non-stick surfaces
- Coating thicknesses from 50µm to 5mm
- Seamless coatings
- Food contact approval available
- O First-rate adhesion to the substrate, especially when used with primer
- Good barrier performance
- Abrasion resistance
- Bond to metal (enhanced peel strength)
- Low melt-point grades available

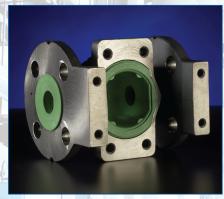
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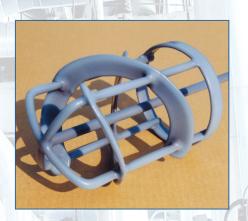
- Electrostatic spray coating
- Rotolining
- Fluid dip coating

### **Applications:**

- Corrosion-resistant coatings (centrifuges, vessels, reactors)
- Butterfly valve coatings
- Pump coatings











# AGC

### **Virgin PTFE**

AGC Chemicals produces a full range of virgin PTFE. The following types are used in coatings.

- Aqueous dispersions, including adhesive dispersions
- Granular & lubricant powders, as additives in coatings

PTFE offers the following advantages in coating systems:

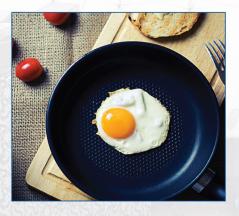
- UV & water resistant
- Non-stick
- Chemically and thermally stable
- Highly flexible
- Electrically resistant

### **Processing Options:**

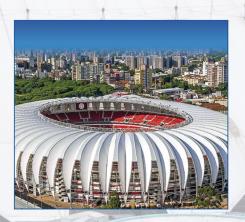
- Aqueous dispersions are applied to substrates using various techniques, including spray and roller coating and require sintering
- Lubricant powders and granular PTFE are added into a blend before the coating is applied

### **Applications:**

- Cookware coatings
- Architectural coatings
- Metal decoration (including can coatings)
- Industrial coatings (anti-graffiti & easy-clean)







#### **Contact**

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