

# **Fluon® PTFE Lubricant Powders**

**AGC**

Fluon® Lubricant Powders are manufactured from virgin PTFE feedstock and are used either as dry lubricants or as additives in other materials such as plastic compounds, rubbers, fluoroelastomers, inks, paint, oils and greases. Fluon® lubricant powders are FDA 21CFR 177:1550 and EU food contact approved (except FL1730H).

## **Applications:**

- Additive in gravure and flexographic printing inks
- General purpose lubricant
- Friction reducing additive in thermoplastics
- Food contact coating

## **Fluon® PTFE for use as an additive:**

- Fluon® PTFE lubricant powders are ideal as an additive for thermoplastic compounds to improve surface wear properties
- Fluon® PTFE lubricant powder is added to specialised oils & greases for heavy duty applications
- Fluon® PTFE lubricant powder added to printing inks gives improved scuff & rub resistance
- Fluon® PTFE lubricant powder is used in metal decoration (can coatings) for frictional & rub properties
- Easy-cleaning properties are imparted when Fluon® PTFE lubricant powders are added to masonry, decorative, aircraft & marine paint



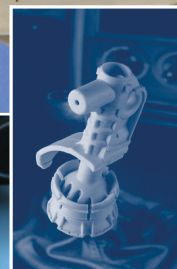
Fluon® PTFE Lubricant Powders  
in specialised oils & greases



Fluon® PTFE Lubricant Powders  
in Printing Inks



Fluon® PTFE Lubricant Powders  
in thermoplastic compounds





## Lubricant Polymer Grades

Grade	Bulk Density (g/l)	Mean Particle Size - Laser Diffraction (µm)	Surface Area (m <sup>2</sup> /g)	FDA Compositional Approval	Applications
FL1650	440	40	1.8	yes	High thermal stability grade recommended for use in thermoplastics
FL1679	1200	750*	-	yes	Used after milling as an additive in printing inks, oils, grease & industrial finishes
FL1680	400	14	1.6	yes	Low porosity lubricant used mainly in printing inks and industrial finishes
FL1690	440	40	1.8	yes	General purpose lubricant, for use in thermoplastics and elastomers
L169E	400	17	-	yes	Premium grade with narrow particle size distribution and high thermal stability for use in thermoplastics
FL1700	530	20	7.8	yes	Friable grade (to sub-micron particle size) used in rubber, elastomers, printing inks, oils, greases and industrial finishes. Suitable for metal decoration (can coating), gravure and flexographic printing inks
FL1700HT	620	30	-	yes	Oils and greases in drinking water applications
FL1710	440	6	4.6	yes	Fine particle size with good dispersion in low/high shear mixers used particularly in inks and industrial finishes
FL1730H	380	4	5.5	no	Fine particle size version of FL1710

\* Measured by sieve analysis

