

INOFLON[®]
FLUOROPOLYMERS
PFA & FEP



INOFLON® PFA (Perfluoroalkoxy)

Pellet

- Service temperature up to 260°C
- Superior creep resistance at high temperatures
- Excellent dielectric properties
- Excellent low temperature toughness

INOFLON® Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
8003	Extrusion, Injection, Compression and Transfer Moulding	2.3	2.15	307	28	300	Tubes, Linings (Pipes/Valves/ fittings) and Transfer molded articles
8003HS	Extrusion, Injection, Compression and Transfer Moulding	2.3	2.15	307	28	300	Tubes, Linings (Pipes/Valves/ fittings), Transfer molded articles and semiconductor components
8015	Extrusion, Injection and Transfer Moulding	13	2.15	307	25	300	Extruded Tubes, and profile for hoses, Jacketing, Wire and cable insulation
8015HS	Extrusion, Injection and Transfer Moulding	13	2.15	310	25	300	Extruded Tubes, and profile for hoses, Jacketing, Wire and cable insulation, semiconductor applications
PFA 8005	Extrusion, injection and transfer molding	5	2.15	307	26	300	Tubing and Linings for pipes, Valves and fittings used in Chemical processing Industries and injection molded articles requiring superior electrical, chemical, and thermal properties
PFA 8005HS	Extrusion, injection and transfer molding	5	2.15	307	26	300	Semiconductor components, extrusion of electric wires and injection molded articles requiring superior electrical, chemical, and thermal properties.
PFA 8025	Extrusion, injection and transfer molding	25	2.15	307	25	275	Extrusion of thin-walled electric wires and injection molded articles requiring superior electrical, chemical, and thermal properties.
PFA 8025HS	Extrusion, injection and transfer molding	25	2.15	307	25	275	Extrusion of thin-walled electric wires and injection molded articles requiring superior electrical, chemical, and thermal properties.
PFA 8015HSP	Extrusion, injection and transfer molding	13	2.15	307	25	300	Semiconductor components, extrusion of electric wires and injection molded articles requiring superior electrical, chemical, and thermal properties.
PFA 8003HSP	Extrusion, injection and transfer molding	2.3	2.15	307	28	300	Semiconductor components, Tubing, Linings of valves and fittings used in the chemical processing Industries requiring superior electrical, chemical, and thermal properties.

HS and HSP are modified grades of 8003 and 8015 with high purity, improved flex life and environmental stress cracking resistance.

Certifications

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007
- REACH
- USP CLASS VI
- FDA
- ROHS
- SVHC
- UL
- EC 10 / 2011

INOFLON® PFA (Perfluoroalkoxy)

Powder

- Excellent chemical resistance
- Outstanding electrostatic characteristics
- Good transparency
- Excellent non-stick performance

INOFLON® Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Particle Size (µm)	Bulk Density (g/l)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
8103	Electrostatic powder spray	2.3	7	500	2.15	307	28	300	Powder coatings for chemical and industrial equipment
8115	Electrostatic powder spray	10	7	500	2.15	307	25	275	Powder coatings for chemical and industrial equipment

Dispersion

- Non-stick properties
- Inert to chemicals and solvents
- Excellent surface release properties
- Excellent weatherability

INOFLON® Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Solid Content (%PFA resin by weight)	%Surfactant content on PFA Solid	Specific Gravity	Average Particle Size (nm)	pH of Dispersion	Melting Point (°C)	Applications
8900	Dipping, Impregnating, Spraying	15	50	6	1.4	170	>9.5	307	Coating and impregnating glass fibre fabrics, metal substrate, woven packing
8910	Dipping, Impregnating, Spraying	2	60	6	1.5	170	>9.5	307	Coating and impregnating glass fibre fabrics, metal substrate, woven packing
8900EX	Dipping, Impregnating, Spraying	15	50	6	1.4	170	>9.5	307	Coating and impregnating glass fibre fabrics, metal substrate, woven packing.

Certifications

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- ISO 14001:2015
- OHSAS 18001:2007
- REACH
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- FDA
- ROHS
- SVHC
- UL
- EC 10 / 2011

INOFLON® FEP (Fluorinated Ethylene Propylene)

Dispersion

- Stability at high temperatures
- Inert to chemicals and solvents
- Excellent weather ability and in combustibility
- Excellent stress cracking resistance

INOFLON® Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Solid Content (%PFA resin by weight)	%Surfactant content on PFA Solid	Specific Gravity	Average Particle Size (nm)	pH of Dispersion	Melting Point (°C)	Applications
4910	Dipping, Impregnating, Spraying	10	55	6.5	1.45	170	>9.5	270	Coating and impregnating glass fibre fabrics, metal substrate, woven packing

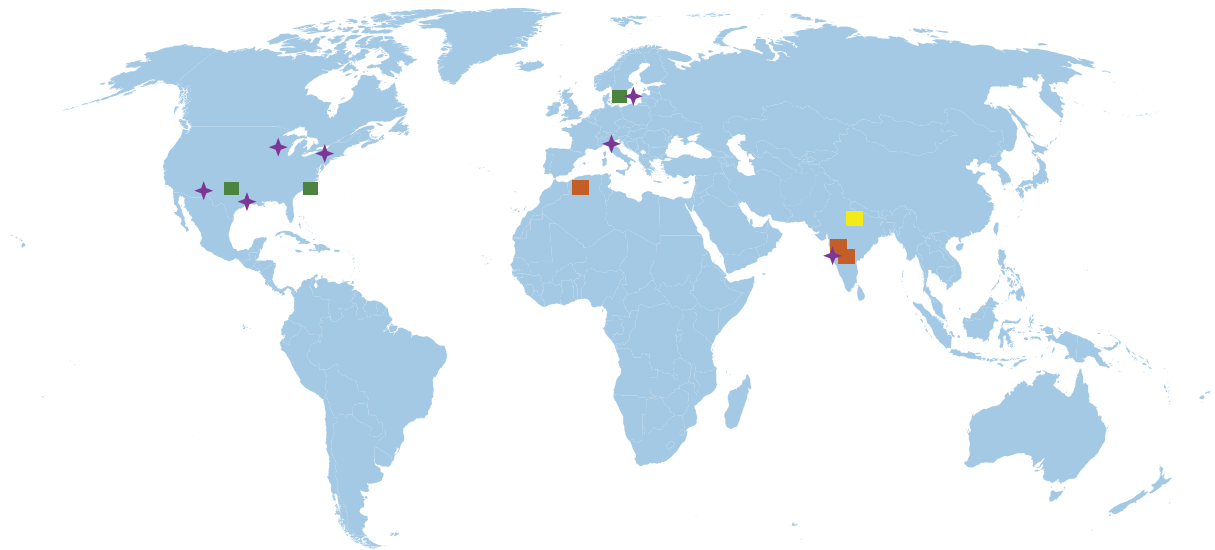
Certifications

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- USP CLASS VI
- FDA
- ROHS
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- UL
- EC 10 / 2011

Disclaimers for warranty and liability exclusions

1. Save and except where a claim arises as a result of a manufacturing defect in the Product, the purchaser shall be responsible for all claims raised by end customers in relation to the Product relating to end-use or application including but not limited to, as a result of, delay of any order by the purchaser, inaccurate details of availability of Products displayed on the purchaser's website, lags or issues in the purchaser's end use or application, or any other negligence or default on the part of the purchaser or any of its authorised purchasers, affiliates, distributors, and their respective directors, officers, employees, agents, customers, successors and assigns.
2. This Product has been designed as per the certificate of analysis. Neither GFL nor any of its affiliates, distributors, and their respective directors, officers, employees, agents, customers, successors, and assigns assumes any responsibility for the end-use or application of any products including but not limited to those which do not conform with the specifications mentioned herein; any combination claims or modifications whatsoever.
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4. It is the sole responsibility of the purchaser to evaluate the Product for meeting its end-use requirements. The purchaser acknowledges that they have undertaken their own due diligence with respect to the application of the Product.
5. It is the sole responsibility and liability of the purchaser to determine the suitability of the Products supplied in order to ensure that the final product is safe for any desired end-use and its performance is as intended, in compliance with all applicable legal and regulatory requirements.
6. The purchaser is responsible for inspection and testing of the Products in order to satisfy itself as to the suitability of the Products for the purchaser's particular purpose. The purchaser is responsible for the appropriate, safe, legal use, processing, and handling of the Products.
7. GFL accepts no liability in respect of use of the Products in conjunction with other materials. The certificate of analysis and the specifications relate exclusively to the Products when used independently and not in conjunction with any other goods or materials.
8. GFL disclaims and provides no warranties or representations as to the merchantability or fitness of the Product for a particular purpose, end use, application, or the results obtained thereof. The purchaser agrees that neither party nor their affiliates shall provide any warranty on behalf of GFL, to any entity in relation to the Product.





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Arizona, USA
Indiana, USA
Hamburg, Germany
Brescia, Italy

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Texas, USA

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