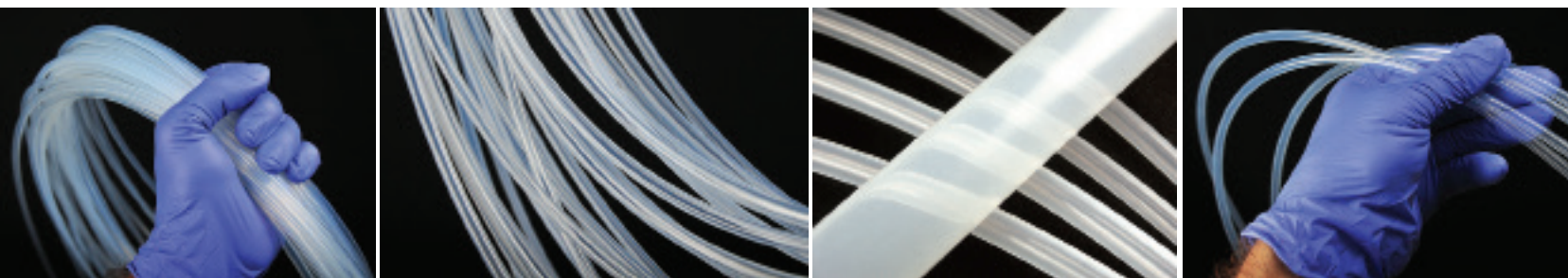




# Fluor-A-Pure™ (HP)

## Ultra High Purity PFA

100% Virgin Ultra High  
Molecular Weight PFA



**Fluor-A-Pure (HP)** has been specifically developed for the most extreme chemical and **ultra high purity** service conditions. Unlike typical high purity grades of PFA the Fluor-A-Pure (HP) is different. It is manufactured from 100% virgin **ultra high molecular weight PFA** (ultra high purity perfluoroalkoxy). The result is superior micro porosity characteristics and externally smooth surface finishes. The product has excellent flexibility compared to other grades of PFA and is ideal for use with **flaring tools** and **compression fittings**.

### Specifications

Meets or Exceeds ASTM D 6867-03

Temperature: -350°F to 500°F

Flammability: UL 94 VO Rated (Resists combustion and spread of flames)

U.S. Pharmacopoeia Class VI Certification

Cytotoxicity Criteria

In compliance with CFR Title 21 Section 177.1550

Traceability: Lot and Batch

Certification: Lot and Batch

Current Good Manufacturing Practices (CGMP)

Animal Derived Ingredient Free

**Please request Fluor-A-Pure (IND) tubing by name.**



# Fluor-A-Pure™ (HP)

## Ultra High Purity PFA

### Sizing Chart

Part Number	ID	OD	Wall	Bend Radius	Max WP @ 72° F
<b>STANDARD WALL TUBING</b>					
TBL-PFA-062X125	1/16"	1/8"	1/32"	1/2"	449 PSI
TBL-PFA-093X156	3/32"	5/32"	1/32"	1/2"	360 PSI
TBL-PFA-125X187	1/8"	3/16"	1/32"	3/4"	299 PSI
TBL-PFA-187X250	3/16"	1.4"	1/32"	1.00"	225 PSI
TBL-PFA-250X312	1/4"	5/16"	1/32"	1-3/4"	179 PSI
TBL-PFA-312X375	5/16"	3/8"	1/32"	2-1/2"	150 PSI
TBL-PFA-375X437	3/8"	7/16"	1/32"	3-1/2"	128 PSI
TBL-PFA-437X500	7/16"	1/2"	1/32"	4.00"	112 PSI
TBL-PFA-500X562	1/2"	9/16"	1/32"	Contact Factory	Contact Factory
TBL-PFA-562X625	9/16"	5/8"	1/32"	6-1/2"	90 PSI
TBL-PFA-625X687	5/8"	11/16"	1/32"	Contact Factory	Contact Factory
TBL-PFA-687X750	11/16"	3/4"	1/32"	8.00"	75 PSI
<b>HEAVY WALL TUBING</b>					
TBL-PFA-062X187	1/16"	3/16"	1/16"	1/2"	617 PSI
TBL-PFA-125X250	1/8"	1/4"	1/16"	1/2"	454 PSI
TBL-PFA-187X312	3/16"	5/16"	1/16"	1.00"	371 PSI
TBL-PFA-250X375	1/4"	3/8"	1/16"	1.00"	310 PSI
TBL-PFA-312X437	5/16"	7/16"	1/16"	2.00"	265 PSI
TBL-PFA-375X500	3/8"	1/2"	1/16"	2.00"	232 PSI
TBL-PFA-500X625	1/2"	5/8"	1/16"	3.00"	186 PSI
TBL-PFA-625X750	5/8"	3/4"	1/16"	6.00"	155 PSI
TBL-PFA-750X875	3/4"	7/8"	1/16"	12.00"	133 PSI
TBL-PFA-875X100	7/8"	1.00"	1/16"	22.00"	116 PSI
TBL-PFA-100X1125	1.00"	1-1/8"	1/16"	Contact Factory	105 PSI
TBL-PFA-1125X1250	1-1/8"	1-1/4"	1/16"	Contact Factory	84 PSI
TBL-PFA-1250X1375	1-1/4"	1-3/8"	1/16"	Contact Factory	Contact Factory



# Fluor-A-Pure™ (HP)

## Ultra High Purity PFA

### Special Size Tubing

Part Number	ID	OD	Wall	Bend Radius	Max WP @ 72° F
<b>STOCK CUSTOM SIZE</b>					
TBL-PFA-170X250	.170"	.250"	.040"	1.00"	300 PSI
TBL-PFA-156X250	.156"	.250"	.047"	3/4"	352 PSI
TBL-PFA-250X350	.250"	.350"	.050"	Contact Factory	Contact Factory
TBL-PFA-275X375	.275"	.375"	.050"	Contact Factory	Contact Factory
TBL-PFA-750X830	.750"	.830"	.040"	Contact Factory	Contact Factory
TBL-PFA-100X110	1.00	1.10"	.050"	Contact Factory	Contact Factory

### FEP Metric Sizes

Part Number	ID	OD	Wall	Bend Radius	Max WP @ 72° F
TBL-PFA-1MMX3MM	1mm	3mm	1mm	Contact Factory	Contact Factory
TBL-PFA-2MMX4MM	2mm	4mm	1mm	1-1/2"	468 PSI
TBL-PFA-3MMX5MM	3mm	5mm	1mm	Contact Factory	Contact Factory
TBL-PFA-4MMX6MM	4mm	6mm	1mm	1-3/4"	312 PSI
TBL-PFA-5MMX7MM	5mm	7mm	1mm	Contact Factory	Contact Factory
TBL-PFA-6MMX8MM	6mm	8mm	1mm	2-1/2'	234 PSI
TBL-PFA-6MMX9MM	6mm	9mm	1.5mm	Contact Factory	Contact Factory
TBL-PFA-7MMX9MM	7mm	9mm	1mm	Contact Factory	Contact Factory
TBL-PFA-8MMX10MM	8mm	10mm	1mm	2-3/4"	187 PSI
TBL-PFA-9MMX11MM	9mm	11mm	1mm	Contact Factory	Contact Factory
TBL-PFA-10MMX12MM	10mm	12mm	1mm	4.00"	156 PSI
TBL-PFA-11MMX13MM	11mm	13mm	1mm	Contact Factory	Contact Factory
TBL-PFA-12MMX14MM	12mm	14mm	1mm	Contact Factory	Contact Factory
TBL-PFA-14MMX16MM	14mm	16mm	1mm	Contact Factory	Contact Factory

 **TBL**

# Fluor-A-Pure™ (HP)

## Ultra High Purity PFA

### Material Properties

Property	Test Method@73°F(22.8°C)	Unit	Value
Upper Service Temperature		°F (°C)	500 (260)
Specific Gravity	ASTM D792		2.15
Tensile Strength	ASTM D1708	psi (Mpa)	4,200 (28.9)
Tensile Elongation	ASTM D638	%	400
Flex Modulus	ASTM D790	psi (Mpa)	90,000 (620)
MIT Flex Life	ASTM D2176		500,000+
Durometer Hardness	ASTM D2240	Shore D	60

### Applications

UHP Chemical Process  
Laboratory Applications  
Pharmaceuticals  
Semiconductor  
Flow monitoring  
Emissions monitoring  
Food Processing  
Electrical Insulation  
Heat Exchangers  
Automotive

### Packaging

Per customer's specifications  
Clean Room packed  
Available pre-flared and pre-cut

### Benefits

100% virgin-grade high-performance resins  
Chemically inert to most industrial chemicals and solvents  
Excellent UV transmission (Optically Clear)  
Low permeability  
Higher thermal stability than FEP  
FDA compliant for food contact  
Non flammable  
Superior electrical insulation  
Suitable for use with flare or conventional compression fittings  
Available in coiled hose and convoluted constructions  
Non-stick

### Sterilization

Available DI Washed and Nitrogen Packed  
Suited for ethylene oxide and autoclave