



## Furon<sup>®</sup> HP PFA 400 UC

### High-Purity PFA Ultra-Clean Tubing

Furon HP PFA 400 UC tubing is specifically designed and produced to be used with the harshest chemicals while offering the greatest level of purity, matching industry standards such as SEMI C90. The specific choice of raw material and process selected for its production yields tubing with the lowest total metal extractables and at the same time offers the least surface contamination.

Furon HP PFA 400 UC tubing is ideal for use in the semiconductor industry specifically striving for the smallest printing node and highest yield.

#### Features and Benefits

- SEMI C90 compliant
- Non-destructive/non-contaminating laser scribing for positive identification of size, material and 100% lot traceability
- 100% virgin high-purity ultra-clean PFA resin
  - Specific material grade available
- Custom laser scribing available (for identifying chemicals/process media, tool number, OEM's name/private label, etc.)
- Tube ends capped to prevent I.D. contamination
- "Clean-Pak" packaging available

ASK AN ENGINEER

## Furon HP PFA 400 UC

A high-purity, 100% virgin, thermoplastic fluoropolymer tubing with the ability to withstand a large range of temperatures from -60°F (-50°C) up to +450°F (232°C).

Part Number	O.D.		I.D.		Wall Thickness		Tolerance		Min. Bend Radius*	
	in	mm	in	mm	in	mm	in	mm	in	mm
<b>Standard Wall</b>										
TSFP5-125063.HP UC	1/8	3.17	1/16	1.59	0.030	0.76	+/-0.004	+/- 0.1	0.37	9.30
TSFP5-250156.HP UC	1/4	6.35	5/32	3.97	0.047	1.19			1.20	30.46
TSFP5-375250.HP UC	3/8	9.52	1/4	6.35	0.062	1.57	+/- 0.005	+/- 0.12	2.41	61.10
TSFP5-500375.HP UC	1/2	12.7	3/8	9.52					3.73	94.84
TSFP5-750625.HP UC	3/4	19.05	5/8	15.87					6.78	172.25
TSFP5-100875.HP UC	1	25.4	7/8	22.22	0.072	1.83	+/- 0.006	+/- 0.15	10.23	259.93
TSFP5-125110.HP UC	1-1/4	31.75	1.1	27.94					14.99	380.68
TCFHP-1575086 UC	1.575	40	1.403	35.64	0.086	2.18	+/- 0.008	+/- 0.20	21.83	554.39
<b>Heavy Wall</b>										
TSFP5-250125.HP UC	1/4	6.35	1/8	3.17	0.062	1.57	+/- 0.005	+/- 0.12	1.25	31.86
TSFP5-750093.HP UC	3/4	19.05	0.564	14.33	0.093	2.36			+/- 0.006	+/- 0.15
TSFP5-1000093.HP UC	1	25.4	0.814	20.68			21	533.4		
TSFP5-1250093.HP UC	1-1/4	31.75	1.064	27.03			27	685.8		
TSFP5-1500093.HP UC	1-1/2	38.1	1.314	33.38	+/- 0.008	+/- 0.20	32	812.8		
<b>Thin Wall</b>										
TSFP5-250188.HP UC	1/4	6.35	3/16	4.76	0.030	0.76	+/- 0.003	+/- 0.08	1.09	27.69
TSFP5-375313.HP UC	3/8	9.52	5/16	7.94					1.98	50.30
TSFP5-500438.HP UC	1/2	12.7	7/16	11.11					2.99	75.90
TSFP5-750688.HP UC	3/4	19.05	11/16	17.46					5.27	133.97

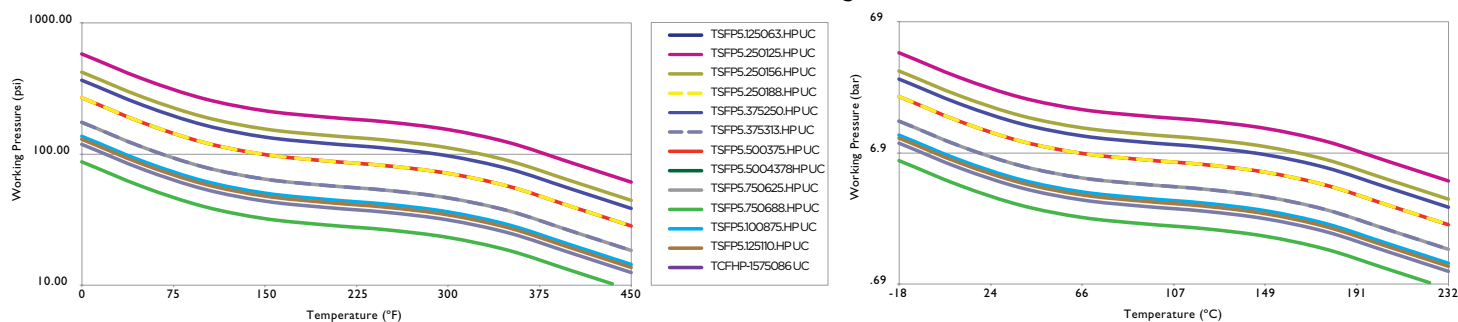
\* Values are obtained either by testing or calculation. [Contact us for more detail.](#)

## Customization

Special order sizes, thicknesses and lengths are available; contact the factory for items not listed above. Specific grades of raw materials may be required (for example Teflon™ PFA 450HP, Teflon™ PFA 451HP or Daikin 231 SH); contact us for the related PN. Cleanroom-compliant plastic reels are available upon request. Coils are available based on length and are shipped in cleanroom-compliant double bags.

## Specifications

Furon® HP PFA 400 UC - Working Pressures



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