

Versilon™ HP PFA Pipe

High-Purity PFA Piping Schedule 40

Versilon HP PFA Pipe, formerly known as Furon® Fuse Bond High Purity Pipe, is specifically designed to be used with the harshest chemicals while offering an excellent level of purity.

High Purity, Superior Chemical Resistance

With the usage of high purity PFA grade resin, Versilon HP PFA Pipe is the ideal component for your fuse bond manifold and assembly from a fraction of an inch on your wafer processing equipment to several inches in your chemical distribution systems.

Versilon HP PFA Pipe is ideal for the semiconductor industry, or other applications requiring high purity and/or superior chemical resistance.



Features and Benefits

- 100% virgin high-purity PFA resin
- Specific material grade available
- Custom laser scribing available (for identifying chemicals/process media, tool number, OEM's name/private label, etc.)
- Optional ISO Class 7 cleanroom manufacturing environment
- Packed in sealed PE bag
- Optional tube ends capped to prevent I.D. contamination when unpacked

Versilon HP PFA Pipe

Part Number	Nominal Size (in.) by Schedule 40	O.D.		Tolerance		Minimal Wall Thickness		Tolerance	
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
TCFHP.713012.A5	1/4	0.540	13.72	+/- 0.004	+/- 0.10	0.088	2.24	O/+ 0.020	O/+ 0.51
TCFHP.713012.A6	3/8	0.675	17.15	+/- 0.004	+/- 0.10	0.091	2.31	O/+ 0.020	O/+ 0.51
TCFHP.713012.A1	1/2	0.840	21.34	+/- 0.004	+/- 0.10	0.109	2.77	O/+ 0.020	O/+ 0.51
TCFHP.713012.A3	3/4	1.050	26.67	+/- 0.004	+/- 0.10	0.113	2.87	O/+ 0.020	O/+ 0.51
TCFHP.713012.A2	1	1.315	33.40	+/- 0.005	+/- 0.13	0.133	3.38	O/+ 0.020	O/+ 0.51
TCFHP.713012.A7	1 - 1/4	1.660	42.16	+/- 0.005	+/- 0.13	0.140	3.56	O/+ 0.020	O/+ 0.51
TCFHP.713012.A8	1 - 1/2	1.900	48.26	+/- 0.005	+/- 0.15	0.145	3.68	O/+ 0.020	O/+ 0.51
TCFHP.713012.A9	2	2.375	60.33	+/- 0.005	+/- 0.15	0.154	3.91	O/+ 0.020	O/+ 0.51

Standard Packaging

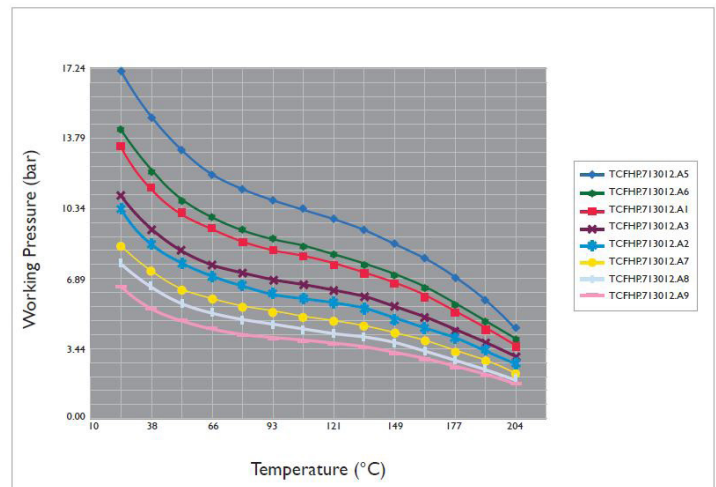
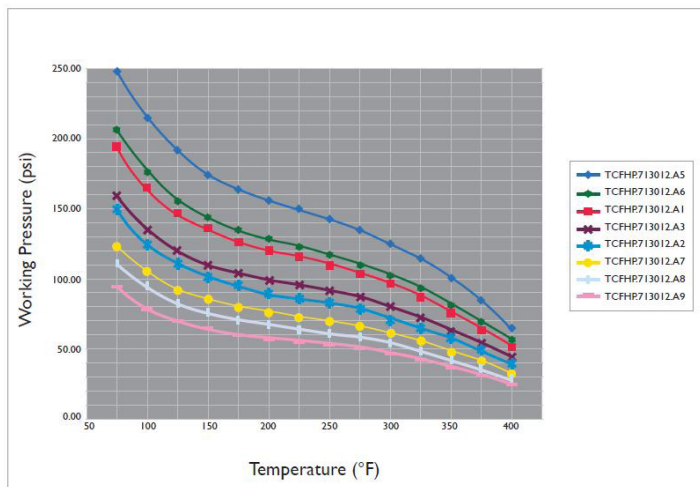
Straight length of 10 feet or 3 meters in sealed PE bags.

Customization

Specific grades of raw materials or packaging may be required; contact the factory for related PN Custom laser scribing to identify chemicals/process media, for OEM's name/private label, and for additional information regarding the full list of capabilities.

Specifications

Versilon HP PFA Pipe - Working Pressures



Note: The value represented in the above graphs has been obtained with a safety factor of 3.

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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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