

PFA Tubing

Series Fractional: 104 Industrial & Heavy Wall



Features

- Virgin Perfluoroalkoxy
- Translucent
- High purity resins available
- Low permeability
- Exceptional heat resistance
- Chemically inert
- Long continuous lengths
- Low coefficient of friction
- Self extinguishing
- Non wetting
- Non leaching

Certifications

- ASTM D 3307 Type II
- FDA Compliant
- USP Class VI Compliant

Applications/Markets



- Air Sampling
- Gas Sampling
- Fluid Transfer
- Laboratory
- Wetbench
- Flow Monitoring
- Steam Plant

104 PFA Industrial Wall Fractional Size Tubing

Part Number	Order Size	Nominal O.D.					Nominal I.D.				Reference Wall		Working Pressure at 73°F /23°C		Burst Pressure at 73°F /23°C	
#																
	inch	inch	Tolerance	mm	Tolerance	inch	Tolerance	mm	Tolerance	inch	mm	psi	bar	psi	bar	
104-0094031	3/32	.094	± .005	2.40	± 0.10	.031	± .002	0.79	± 0.05	.031	0.79	680	47	3400	234	
104-0125031	1/8	.125	± .005	3.18	± 0.10	.064	± .004	1.63	± 0.10	.031	0.79	500	34	2500	172	
104-0156031	5/32	.157	± .005	3.99	± 0.13	.094	± .004	2.39	± 0.08	.031	0.79	390	27	1950	134	
104-0188031	3/16	.188	± .005	4.78	± 0.13	.125	± .005	3.18	± 0.13	.031	0.79	320	22	1600	110	
104-0250031	1/4	.250	± .005	6.35	± 0.13	.188	± .005	4.78	± 0.13	.031	0.79	230	16	1150	79	
104-0312031	5/16	.312	± .005	7.92	± 0.13	.250	± .005	6.35	± 0.13	.031	0.79	180	12	900	62	
104-0375031	3/8	.375	± .005	9.52	± 0.13	.312	± .005	7.92	± 0.13	.031	0.79	140	10	700	48	
104-0438031	7/16	.438	± .005	11.13	± 0.13	.375	± .005	9.53	± 0.13	.031	0.79	120	8	600	41	
104-0500031	1/2	.500	± .005	12.70	± 0.13	.438	± .005	11.13	± 0.13	.031	0.79	100	7	500	34	
104-0563031	9/16	.563	± .006	14.30	± 0.15	.500	± .006	0.79	± 0.15	.031	0.79	80	6	400	28	

Order Information

Example: 104-0188062-NT-100

104-0188062-NT-100 – PFA

104-**0188**062-NT-100 – **Tube O.D.** in inches (**3/16"**)

104-0188**062**-NT-100 – **Tube Wall Thickness** in inches (**.062"**)

104-0188062-**NT**-100 – **Natural**

104-0188062-**NT**-100 – **Bulk Tubing**

104-0188062-NT-**100** – **Package Quantity** in feet (**100'**)

Fittings

- Fittings available for sizes 3/32" up to 1"

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI
(269) 692-6555
(269) 694-4614 FAX

FSC Product Families:

- Compression
- Compress-Align®
- Fast & Tite
- TrueSeal™

Notes

- Available from TexLoc Business Unit, Ft. Worth, Texas (817) 625-5081 or email texloc@parker.com
- Working Temperature: 500°F (260°C)
- Working pressure calculated using a Design Factor of 5; Other manufacturers may use a Design Factor of 4
- Custom packaging and sizes are quoted upon request
- Package quantities are not continuous

Colors

- Translucent

104 PFA Heavy Wall Fractional Size Tubing

Part Number	Order Size	Nominal O.D.				Nominal I.D.				Reference Wall		Working Pressure at 73°F / 23°C		Burst Pressure at 73°F / 23°C	
#															
	inch	inch	Tolerance	mm	Tolerance	inch	Tolerance	mm	Tolerance	inch	mm	psi	bar	psi	bar
104-0188062	3/16	.188	± .005	4.78	± 0.13	.062	± .005	1.57	± 0.13	.062	1.57	680	47	3400	234
104-0250040	1/4	.250	± .005	6.35	± 0.13	.170	± .005	4.32	± 0.13	.040	1.02	300	21	1500	103
104-0250047	1/4	.250	± .005	6.35	± 0.13	.156	± .005	3.96	± 0.13	.047	1.19	370	26	1850	128
104-0250062	1/4	.250	± .005	6.35	± 0.13	.125	± .005	3.18	± 0.13	.062	1.57	500	34	2500	172
104-0312062	5/16	.312	± .005	7.92	± 0.13	.188	± .005	4.78	± 0.13	.062	1.57	390	27	1950	134
104-0375062	3/8	.375	± .005	9.52	± 0.13	.250	± .005	6.35	± 0.13	.062	1.57	320	22	1600	110
104-0438062	7/16	.438	± .005	11.13	± 0.13	.312	± .005	7.92	± 0.13	.062	1.57	270	19	1350	93
104-0500062	1/2	.500	± .005	12.70	± 0.13	.375	± .005	9.53	± 0.13	.062	1.57	230	16	1150	79
104-0750062	3/4	.750	± .006	19.05	± 0.15	.625	± .006	15.88	± 0.15	.062	1.57	140	10	700	48
104-1000062	1	1.000	± .010	25.40	± 0.25	.875	± .010	22.22	± 0.25	.062	1.57	100	7	500	34

For detailed ordering information, please consult price list or contact Parflex® Division.

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