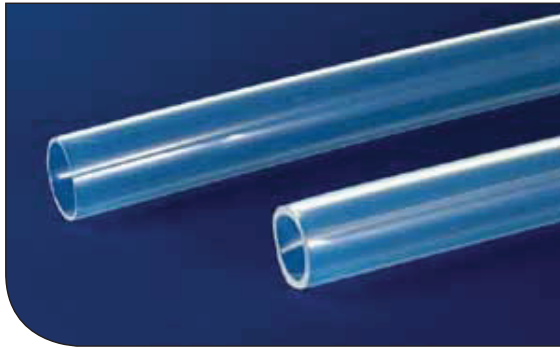


PFA Tubing

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
#															
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

104-0188062-NT-100 – Tube O.D. in inches (3/16")

104-0188062-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
#															
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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B-79

A
Hose

B
Tubing
Fluoropolymer

C
Coiled Air Hose
& Fittings

D
Transportation

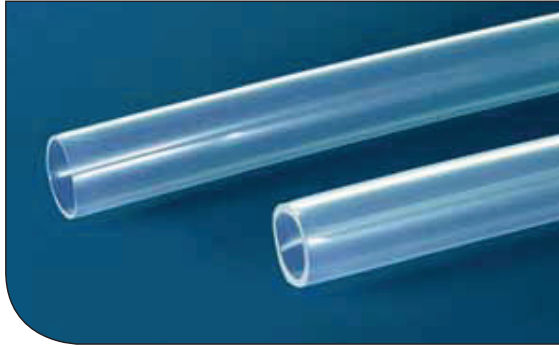
E
Fittings

F
Tooling, Equipment
& Accessories

G
General Technical

PFA Tubing

Series Metric: 204



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

204 Metric PFA 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	
		mm	mm	Tolerance	inch	Tolerance	mm	Tolerance	inch	Tolerance	mm	inch	psi	bar	psi
#															
204-0400100	4	4	± 0.11	.157	± .004	2	± 0.11	.079	± .004	1	.039	34	500	172	2500
204-0600100	6	6	± 0.11	.236	± .004	4	± 0.11	.157	± .004	1	.039	22	320	110	1600
204-0800100	8	8	± 0.11	.315	± .004	6	± 0.11	.236	± .004	1	.039	16	230	79	1150
204-1000100	10	10	± 0.11	.393	± .004	8	± 0.11	.315	± .004	1	.039	12	180	62	900
204-1200100	12	12	± 0.15	.472	± .006	10	± 0.15	.393	± .006	1	.039	10	140	48	700



Order Information

Example: 204-0400100-NT-100

204-0400100-NT-100 – **Metric PFA**

204-**0400**100-NT-100 – **Tube O.D.** in millimeters (**4 mm**)

204-0400**100**-NT-100 – **Tube Wall Thickness** in millimeters (**1 mm**)

204-0400100-**NT**-100 – **Natural**

204-0400100-**NT**-100 – **Bulk Tubing**

2040400100-NT-**100** – **Package Quantity** in feet (**100'**)

Fittings

- Fittings available for sizes 4mm up to 12mm

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

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

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B-81

Hose
A

Tubing
Fluoropolymer
B

Coiled Air Hose
& Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment
& Accessories
F

General Technical
G

High Purity PFA Tubing

Series Fractional: 105 Industrial & Heavy Wall



Features

- Virgin Perfluoroalkoxy
- Translucent
- Lowest levels of extractables
- No process contamination
- Higher flow
- Low permeability
- Longer product life and less downtime
- Exceptional heat resistance
- Chemically inert
- Self extinguishing
- Non wetting

Certifications

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

Applications/Markets



- Flow Monitoring
- Gas Sampling
- Fluid Transfer
- Wetbench
- DI Water Dispensers
- DI Recirculators
- Heat Exchangers
- Pure Chemical Dispensers
- Laboratory

105 High Purity 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
#															
105-0125031	1/8	.125	± .005	3.18	± 0.10	.064	± .004	1.63	± 0.10	.031	0.79	500	34	2500	172
105-0188031	3/16	.188	± .005	4.76	± 0.13	.125	± .005	3.18	± 0.13	.031	0.79	320	22	1600	110
105-0250031	1/4	.250	± .005	6.35	± 0.13	.188	± .005	4.76	± 0.13	.031	0.79	230	16	1150	79
105-0375031	3/8	.375	± .005	9.52	± 0.13	.312	± .005	7.92	± 0.13	.031	0.79	140	10	700	48

Order Information

Example: 105-0188062-NT-25

105-0188062-NT-25 – High Purity PFA

105-0188062-NT-25 – Tube O.D. in inches (3/16")

105-0188062-NT-25 – Tube Wall Thickness in inches (.062")

105-0188062-NT-25 – Natural

105-0188062-NT-25 – Bulk Tubing

105-0188062-NT-25 – Package Quantity in feet (25')

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

105 High Purity 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
#															
105-0250047	1/4	.250	± .005	6.35	± 0.13	.156	± .005	3.96	± 0.13	.047	1.19	360	25	1800	124
105-0250062	1/4	.250	± .005	6.35	± 0.13	.125	± .005	3.18	± 0.13	.062	1.57	500	34	2500	172
105-0375062	3/8	.375	± .005	9.52	± 0.13	.250	± .005	6.35	± 0.13	.062	1.57	320	22	1600	110
105-0500062	1/2	.500	± .005	12.70	± 0.13	.375	± .005	9.53	± 0.13	.062	1.57	230	16	1150	79
105-0750062	3/4	.750	± .006	19.05	± 0.15	.625	± .006	15.88	± 0.15	.062	1.57	140	10	700	48
105-1000062	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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B-83

A
Hose

B
Tubing
Fluoropolymer

C
Coiled Air Hose
& Fittings

D
Transportation

E
Fittings

F
Tooling, Equipment
& Accessories

G
General Technical

High Purity PFA Tubing

Series Metric: 205



Features

- Virgin Perfluoroalkoxy
- Translucent
- Lowest levels of extractables
- No process contamination
- Higher flow
- Low permeability
- Longer product life and less downtime
- Exceptional heat resistance
- Chemically inert
- Self extinguishing
- Non wetting

Certifications

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

Applications/Markets



- Flow Monitoring
- Gas Sampling
- Fluid Transfer
- Wetbench
- DI Water Dispensers
- DI Recirculators
- Heat Exchangers
- Pure Chemical Dispensers
- Laboratory

205 Metric High Purity PFA 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	
		mm	mm	Tolerance	inch	Tolerance	mm	Tolerance	inch	Tolerance	mm	inch	bar	psi	bar
#															
205-0300100	3	3	± 0.11	0.118	± .004	1	± 0.11	0.039	± .004	1	.039	47	680	234	3400
205-0400100	4	4	± 0.11	0.157	± .004	2	± 0.11	0.078	± .004	1	.039	34	500	172	2500
205-0600100	6	6	± 0.11	0.236	± .004	4	± 0.11	0.157	± .004	1	.039	22	320	110	1600
205-0800100	8	8	± 0.11	0.315	± .004	6	± 0.11	0.236	± .004	1	.039	16	230	79	1150
205-0900100	9	9	± 0.13	0.354	± .005	7	± 0.13	0.276	± .005	1	.039	14	200	69	1000
205-1000100	10	10	± 0.13	0.393	± .005	8	± 0.13	0.315	± .005	1	.039	12	180	62	900

Order Information

Example: 205-0400100-NT-100

205-0400100-NT-100 – **Metric PFA**

205-**0400**100-NT-100 – **Tube O.D.** in millimeters (**4 mm**)

205-0400**100**-NT-100 – **Tube Wall Thickness** in millimeters (**1 mm**)

205-0400100-**NT**-100 – **Natural**

205-0400100-**NT**-100 – **Bulk Tubing**

2050400100-NT-**100** – **Package Quantity** in feet (**100'**)

Fittings

- Fittings available for sizes 4mm up to 12mm

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

美国派克PARKER授权分销商
联系方式：

信德迈科技(北京)有限公司 CNMEC Technology Company
地址：北京市朝阳区望京SOHO-T1-C座2115室
邮编：100102
*Tel: 010-8428 2935 | * Fax: 010-8428 8762
*手机：139 1096 2635 (微信同号)
*电子邮件：sales@cnmec.biz
主页：http://www.cnmec.biz
联系人：杨健

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

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B-85

Hose
A

Tubing
Fluoropolymer
B

Coiled Air Hose
& Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment
& Accessories
F

General Technical
G