

General Description: Parker FT Series Tee Filters are designed for protection of instrumentation systems from undesirable materials. Component changes or repair and maintenance can admit dirt, chips, or other contaminants to the small bore tubing.

Features:

- Filter element replacement achievable without removing filter from installation
- Compact, high strength forged body design with effective filtration areas of:
FT4 – 1.57 sq. in.
FT8 – 2.53 sq. in.
- Stainless steel and brass construction
- Standard sintered metal micron ratings: 1, 5, 10, 50, and 100
- Optional 250 and 450 micron wire cloth filter elements
- Optional bypass enables a continuous self cleaning flow around the element
- Port connections include male and female NPT, CPI™, A-LOK®, UltraSeal, and VacuSeal

Specifications:

Pressure Ratings:

With Elastomeric and Metallic Seals:

Stainless Steel 6000 psig CWP
Brass 2000 psig CWP

With PTFE Seals:

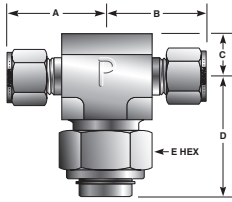
Stainless Steel 4000 psig CWP
Brass 2000 psig CWP

Temperature Ratings:

Buna-N Rubber	-40°F to 275°F
Highly Fluorinated Fluorocarbon Rubber	-20°F to 500°F
Ethylene Propylene Rubber	-70°F to 300°F
Fluorocarbon Rubber	-40°F to 400°F
Neoprene Rubber	-65°F to 300°F
Silver Plated Nickel Alloy Gasket (C-ring)	-100°F to 900°F
PTFE	-70°F to 400°F

TEE FILTERS

FT SERIES



Model Shown: 4Z-FT4-10-BN-SS

End Connections			A [†]	B [†]	C	D	E
Part No.	(Port 1)	(Port 2)	(in.)	(in.)	(in.)	(in.)	(in.)
2A-FT4	1/8" A-LOK®		1.14	1.14			
2Z-FT4	1/8" CPI™		1.14	1.14			
2F-FT4	1/8" Female NPT		1.00	1.00			
2M-FT4	1/8" Male NPT		1.00	1.00	0.51	1.53	0.88
4A-FT4	1/4" A-LOK®		1.23	1.23			
4Z-FT4	1/4" CPI™		1.23	1.23			
4F-FT4	1/4" Female NPT		1.06	1.06			
4M-FT4	1/4" Male NPT		1.09	1.09			
6A-FT8	3/8" A-LOK®		1.42	1.42			
6Z-FT8	3/8" CPI™		1.42	1.42			
6M-FT8	3/8" Male NPT		1.19	1.19			
8A-FT8	1/2" A-LOK®		1.53	1.53	0.59	1.71	1.25
8Z-FT8	1/2" CPI™		1.53	1.53			
8F-FT8	1/2" Female NPT		1.48	1.48			
8M-FT8	1/2" Male NPT		1.38	1.38			

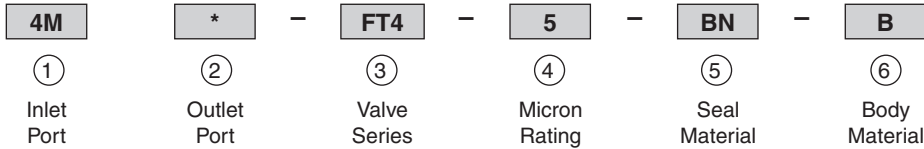
† For CPI™ and A-LOK®, dimensions are measured with nuts in the finger tight position.

HOW TO ORDER

The correct part number is easily derived by following the circled number sequence.
 The six product characteristics required are coded as shown below.

*Note: If both the inlet and outlet ports are the same, eliminate the outlet port designator.

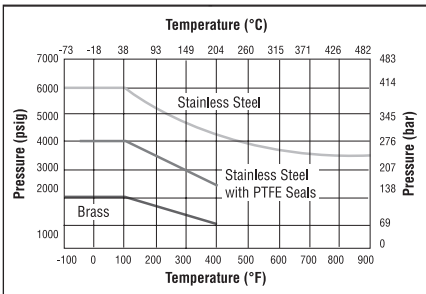
EXAMPLE:



Describes an FT Series Filter with 1/4" male NPT inlet and outlet ports, a 5 micron element, Buna-N seal and brass body construction.

① Inlet Port	② Outlet Port	③ Valve Series	④ Nominal Micron Rating	⑤ Seal Material	⑥ Body Material
2A, 2F, 2M, 2Z, 4A, 4F, 4M, 4Z		FT4	1 - 1 Micron 5 - 5 Micron 10 - 10 Micron 50 - 50 Micron 100 - 100 Micron 250 - 250 Micron 450 - 450 Micron	Blank — Fluorocarbon Rubber BN — Buna-N Rubber EPR — Ethylene Propylene Rubber NE — Neoprene Rubber KZ — Highly Fluorinated Fluorocarbon Rubber HT — Silver Plated Nickel Alloy C-Ring T — PTFE	SS - Stainless Steel B - Brass
6A, 6M, 8A, 8M, 8Z		FT8			

PRESSURE VS. TEMPERATURE



Note: This Pressure vs. Temperature chart reflects the maximum temperature range of indicated body materials.

The temperature rating of the seal becomes the limiting factor on temperature range.

Note: To determine MPa, multiply bar by 0.1