# **Trufluor<sup>™</sup> Plus Filter Housing**

High purity PFA filter housing for maximum chemical resistance

The Trufluor +<sup>™</sup> filter housing is designed for maximum chemical resistance and high purity for microelectronics applications. Constructed of PFA (wetted parts) and PVDF (non-wetted parts), this housing is compatible with the most aggressive chemistries. The high-purity materials of construction and cleanroom packaging insure a high level of cleanliness. The housing consists of a stationary bowl and locking ring that provides a positive seal and easy filter replacement. It is compatible with our Fluoroflow® line of all-fluoropolymer cartridges including the large-diameter Fluoroflow®-XL in lengths of 10, 20 and 30 inches.



### **Contact Information**

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#### www.parker.com/bioscience

## Benefits

- Excellent chemical resistance
- High-purity construction
- Packaged in cleanroom
- High flow rates
- Compatible with 2.75" and 3.25" diameter cartridges

### **Applications**

- Wet etch and clean (90°C or less)
- Photochemicals
- DI water



### Trufluor<sup>™</sup> Plus Filter Housing

#### SPECIFICATIONS

Materials of Construction			
Head and Bowl:	High Purity PFA		
O-Ring:	FEP Encapsulated		
	Viton®		
Locking Ring:	PVDF (non-wetted part)		

#### Connections

Inlet/Outlet	34" or 1" Flare
	¾" or 1" Butt-Weld

Vent/Drain 1⁄4″ Flare 1⁄4″ Butt-Weld 1⁄4″ NPTF 3/8″ Closed 3/8″ Flare

#### **Maximum Operating Specifications**

50 psig (3.4 bar) at 194°F (90°C) 100 psig (6.9 bar) at 77°F (25°C)

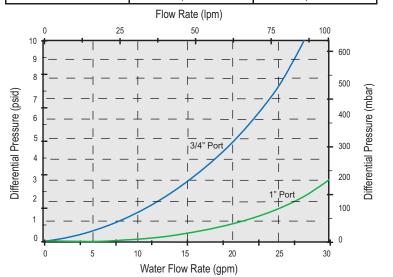
#### **Cartridge Configurations Supported**

Size	Description
10″	222   Flat End Cap SS Reinforced 222   Flat End Cap
20″	222   Flat End Cap SS Reinforced 222   Flat End Cap
30″	222   Flat End Cap SS Reinforced 222   Flat End Cap

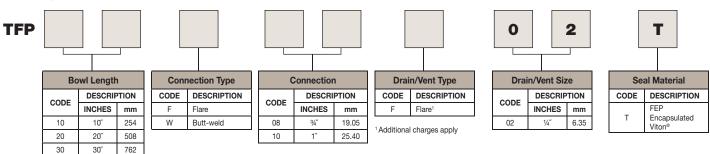
Dimensional Data				
10 <sup>~</sup> Trufluor+ Filter				
Housing Style	Overall Width	Overall Length		
¾" Butt-Weld Pipe	9.0"   22.9 cm	16.0"   40.6 cm		
<sup>3</sup> ⁄ <sub>4</sub> ″ Flare	10.5"   26.7 cm	19.5″   49.5 cm		
1" Butt-Weld Pipe	9.0"   22.9 cm	16.0"   40.6 cm		
1" Flare	11.0"   27.9 cm	19.5"   49.5 cm		

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Housing Style	Overall Width	Overall Length
¾" Butt-Weld Pipe	12.0"   30.5 cm	25.7"   65.3 cm
34" Flare	10.5"   26.7 cm	29.3"   74.4 cm
1" Butt-Weld Pipe	9.0″   22.9 cm	25.7"   65.3 cm
1" Flare	11.0"   27.9 cm	29.3"   74.4 cm

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Housing Style	Overall Width	Overall Length	
¾" Butt-Weld Pipe	12.0"   30.5 cm	35.5"   90.2 cm	
34" Flare	10.5"   26.7 cm	39.1″   99.3 cm	
1" Butt-Weld Pipe	9.0″   22.9 cm	35.5″   90.2 c	
1" Flare	11.0"   27.9 cm	39.1″   99.3 cm	



#### **Ordering Information**



Specifications are subject to change without notification. For User Responsibility Statement, see www.parker.com/safety

Trufluor is a registered trademark of Parker-Hannifin Corporation

Viton is registered trademark of E.I. DuPont de Nemours & Co., Inc.

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▲ WARNING: This product can expose you to chemicals including Nickel and Nickel alloy which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

### ENGINEERING YOUR SUCCESS.

DS\_ME\_Trufluor+ Housing Rev. C