

# 3M™ 47 mm PTFE Filter Housing

3M 47 mm PTFE filter housings were designed to meet the precise requirements of semiconductor and electronics applications for laboratory screening. All wetted surfaces are PTFE, ensuring wide thermal and chemical compatibility with photoresists, developers, acids, bases, and solvents.

A low hold-up volume filter housing allows material suppliers and end users to assess parameters such as material compatibility, photo-speed, trace metals removal, extractables, and particle retention testing. The low hold-up volume also reduces chemical handling and hazardous waste disposal.

3M 47 mm PTFE filter housing can accept media up to 1/4" in thickness, which allows for scale-up from the laboratory to pilot to full-scale production testing. The housing's female NPT connections allow the end user to adapt to different fitting connections for ease of service in their system.



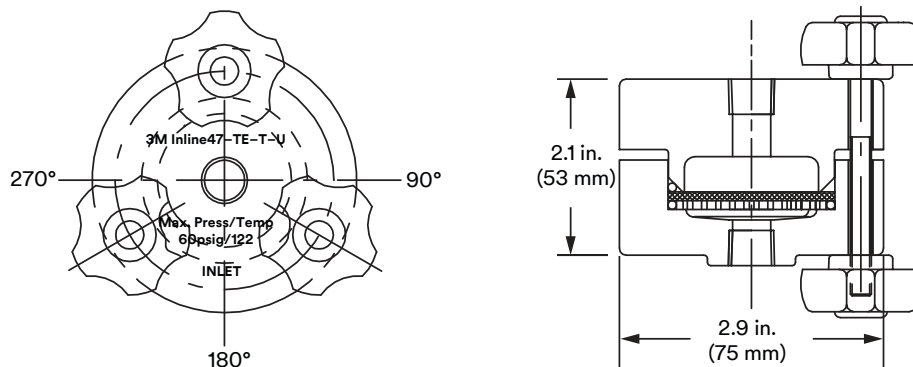
## Specifications

Description	
Housing Material	Polytetrafluoroethylene (PTFE)
Closure Bolts	304 SST with nylon handles
Fitting Connections	1/4" FNPT
Support Screen	PTFE
Maximum Operating Pressure	60 psig @ 122°F (4.1 bar @ 50°C)
Maximum Operating Temperature	122°F (50°C)
O-Ring	PTFE

Features	Benefits
All PTFE Wetted Surfaces	Wide chemical and thermal compatibility
Low Hold-Up Volume	<ul style="list-style-type: none"> <li>• Reduced waste of expensive chemicals</li> <li>• Reduced chemical handling</li> <li>• Reduced hazardous waste disposal</li> </ul>

## 3M™ Metal Ion Purifiers Ordering Guide

Model Number	3M ID Number	Description
INLINE47-TE-T-U	JN-7220-3521-7	3M™ 47 mm PTFE housing



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3M advises against the use of these 3M products in any application other than the stated intended use(s), since other applications have not been evaluated by 3M and may result in an unsafe or unintended condition. Do not use the 3M product in a medical device, drug, or cosmetic application; or in applications involving life-sustaining medical applications or prolonged contact with internal bodily fluids or tissues. If you are considering using this 3M product for a restricted use, you must first contact 3M with information about your proposed application to request prior written authorization for supply for such use. 3M 47 mm PTFE Filter Housing products are not for use in food contact applications.

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