



# ▼ POREX® Dissolution Filters

Cannula Filters • Filter Frits • Filter Tips



Cannula Filters



Filter Frits



Filter Tips

- Moldable porous plastic for design flexibility
- Strong and durable to withstand automated assembly equipment and resist breakage
- Resilient for good compression fit
- Chemically-resistant

When a filter is required for clean sample collection and equipment protection, POREX Dissolution Filters are the porous design solutions chosen by a broad spectrum of dissolution equipment manufacturers to meet individual design and performance specifications.

POREX Dissolution Filters exemplify the critical design standards and precision molding required for today's technological products. POREX Makes It Possible.



## Why Choose POREX Dissolution Filters?

POREX Dissolution Filters help deliver precision, accuracy and reliability to meet the most challenging dissolution applications. The unique structural characteristics of our lightweight, porous materials result in design flexibility and long-term value advantages. Fabricated from polyethylene (PE) and ultra-high molecular weight polyethylene (UHMWPE), POREX Dissolution Filters are available in standard sheet products, disks or custom configurations. POREX Dissolution Filters provide superior resiliency for a good compression fit and a strong, durable construction to withstand the rigors of automated equipment assembly. Additionally, our media is chemically-resistant to withstand most acids and bases and has an excellent appearance for a quality image.

Dissolution testing is a critical performance measurement in pharmaceutical tablet and capsule products. Used to determine the bioequivalence and absorption in the human body with in vitro-in vivo correlations, dissolution testing is conducted in apparatuses under a variety of test conditions according to the nature of the dosage form. Dissolution testing equipment removes, filters and collects sample aliquots for further analysis. POREX Dissolution Media - cannula filters, filter frits and filter tips - are used to help filter contaminants and facilitate testing.



### Cannula Filters

Manufactured from porous UHMWPE, POREX® Cannula Filters are used on the end of a sampling cannula and feature a large surface area and optimized flow rate for an ideal choice in applications with a high presence of particulates. POREX Cannula Filters are available in 1, 4, 5, 10, 20, 35 and 70 micron sizes.



#### Porex Technologies

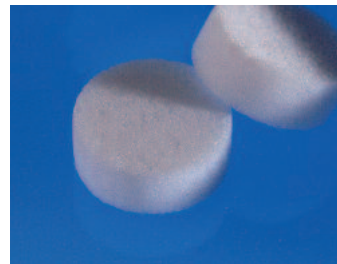
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### Filter Frits

Manufactured from porous PE, POREX® Filter Frits are circular filters used with low-dimension sample probes in applications where it is important to keep the filtration process outside of the vessel. POREX Filter Frits are available in 10 and 45 micron sizes.



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### Filter Tips

Manufactured from porous PE, POREX® Filter Tips are used with low quantities of particulates and flow at the filter bottom. POREX Filter Tips are available in 2, 5, 10, 20 and 45 micron sizes and can be used on sample cannulas with 1/6" diameter.



# POREX

[www.porex.com](http://www.porex.com) 800.241.0195

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*By combining ideas, know-how and proven results with the highest standard of innovation and excellence, POREX Dissolution Filters provide unique solutions for dissolution applications.*