



**Dissolution Accessories (DA) 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 compression fit and a strong, durable construction to withstand the rigors of automated equipment assembly.

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. DA Dissolution Media - cannula filters, filter disks and filter tips - are used to help filter contaminants and facilitate testing.

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

## Dissolution Filters

**Dissolution Filters** from Dissolution Accessories are used when samples are taken to prevent particles of tablet from getting into the sample and affecting the spectrophotometer or HPLC results.



**Dissolution Accessories offers an extensive range of Dissolution Filters.**

**Choose between:**

- Cannula filters - used when high levels of particulate are present.
- Filter Discs - Low volume sample probes may require an In-Line Filter Disc. These are designed to keep the filtration process outside the vessel.
- Filter Tips - smaller than cannula filters, filter tips fit on the end of larger diameter sample probes.

**All filters are U.S. Pharmacopeia compliant where applicable and meet or exceed machine manufacturer specifications.**

## Cannula Filters

Manufactured from porous UHMWPE, Dissolution Accessories (DA) 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 high presence of particulates. DA Cannula filters are available in 1, 4, 10, 20, 35, 40, 45 and 70 microns sizes.

## Filters Discs

Manufactured from porous PE, DA Filters Discs are circular filters used with low-dimension sample probes in applications where it is important to keep the filtration outside of the vessels. DA Filter Discs are available in 10, 45, 70 and 90 micron sizes.

## Filter Tips

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