

Nylon Syringe Filters and DMSO Compatibility - Tech Information

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Overview

MICROSOLV's AQ™ and Antarisz™ brands syringe filters are engineered for dissolution testing, HPLC sample preparation, and general laboratory filtration.

Their housing and membrane materials have been carefully selected to ensure strong chemical compatibility with a wide range of solvents—including DMSO—making them suitable for demanding analytical workflows.

Compatibility with DMSO

AQ™ and Antarisz brands of syringe filters use a **polypropylene housing**, a material known for its excellent resistance to DMSO and other polar aprotic solvents.

Both 0.45 µm and 0.22 µm nylon membranes used in these filters are fully compatible with DMSO-containing solutions, making them an ideal choice for laboratories working with dissolutions, high-strength solvents, or concentrated sample matrices.

Additional Chemical Compatibility

Nylon membranes provide broad solvent resistance, offering reliable performance with:

- Esters
- Alcohols
- Weak acids
- Weak bases

This wide compatibility profile makes AQ™ nylon syringe filters highly versatile for many HPLC, dissolution, pharmaceutical, and general filtration applications.

Ordering Information

Click [HERE](#) to view ordering options and product images for AQ™ brand syringe filters.

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