PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

58045-PES04-C

Syringe Filters, 4mm, PES, 0.45um Pore Size. Black Polypropylene, AQ Brand. 100/PK.

Additional Info

The 58045-PES04-C AQ™ Syringe Filters are pharmaceutical-grade, ultra-low volume membrane filters engineered for HPLC sample preparation and dissolution testing in regulated laboratory environments. Featuring a 0.45 µm Polyethersulfone (PES) membrane, these filters deliver exceptional throughput, ultra-low protein binding, and extractable-free performance, ensuring accurate and reproducible analytical results—even with extremely limited sample volumes.

The 4 mm format is specifically designed for micro-volume filtration, minimizing hold-up volume and maximizing recovery from high-value protein and biological samples, making these filters ideal for LC MS workflows and precision analytical applications.

Critical Compliance Advantage (No Flush Required)

These filters are validated and certified to meet stringent regulatory requirements, including:

US FDA CFR Title 21, Part 210.3(b)(6) for minimum fiber release

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