

## Do Nylon Syringe Filters Have a Neutral Membrane or do They Carry a Charge - FAQ

*Date: 28-JULY02013 Last Updated: 3-NOVEBER-2025*

All nylon membranes inherently carry a positive surface charge, though the degree of charge can vary significantly between manufacturers.

Our AQ™ brand nylon syringe filters are engineered with membranes that exhibit a highly reduced positive charge. This low-charge design is particularly valuable in HPLC sample prep and dissolution testing, where excess surface charge can lead to:

- Adsorption of negatively charged analytes
- Distorted quantitation
- Reduced method accuracy and reproducibility

### **Best Practice Reminder:**

Syringe filters should only remove particulate matter. If a filter alters your analyte profile—by adsorbing compounds due to membrane charge—it is compromising your data integrity and violating good laboratory practices.

For critical applications, minimizing membrane charge is essential to ensure your results reflect the true composition of your sample.

👉 Click [here](#) for ordering information and images of AQ™ syringe filters.

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