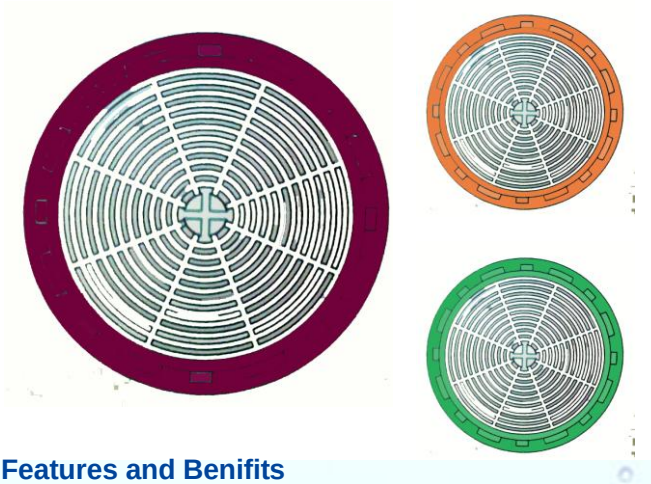
Superpure™ Syringe Filter

5 Improvements, 7 Days Delivery

Same Low Price

New range of HPLC 17mm, 30mm Syringe Filters

Superpure™ 17 mm, 30 mm color-coded syringe filters are designed to speed up and increase sample volume throughput while reducing thumb pressure. All with **HPLC certification.**



New !

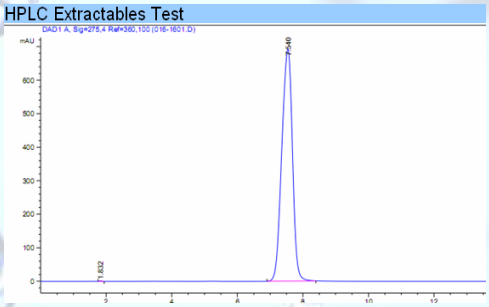
Features and Benifits

- **Color coding:** Easier to tell the filter membrane
- **Larger filtration areas:** (bigger than 33mm) Increased sample throughout
- **Added sample distribution ring:** Improved membrane flows
- **High resolutions print:** Easier to tell the pore size of filter
- **Better membrane media:** Improved membrane flow rates
- **Application Compatibility:** Broad range of filtration media meets diverse application needs
- **Minimum sample hold-up:** Syringe Filters' housings are specifically designed to maximize sample recovery
- **Sterile:** Filters can be purchased pre-sterilized by Gamma radiation and individually packaged

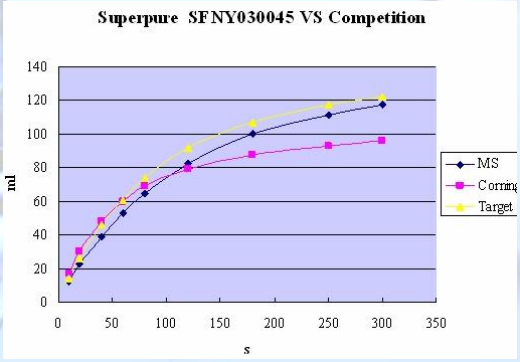
Application

- HPLC sample preparation
- Content uniformity
- Removal of protein precipitates
- Dissolution testing
- Environmental samples

Validated HPLC Performance



Agilent Technologies 1200, Column: C18 UV = 254 nm Mob.phase:MeOH/H_2O:20:80, Temperature: 25°C, Flow rate:0.8ml/min, sample:2mg/ml Bergenin(in Methanol)



Parameters	17mm	30mm
Housing material	Virgin Medical Polypropylene	
Effective Filtration area (cm^2)	1.65	5.39
Pore Size (μm)	0.22, 0.45……	
Holdup volume (μl)	<25	<100
Sample volume (ml)	<20	<200
Inlet connection	Female luer lock	
Outlet connection	Male luer slip	
Maximum Operating Temperature	50°C	50°C
Maximum Operating Pressure	6 bar	6 bar

How to select your sample preparation device?

➢ **Step 1: Choose the suitable membrane filtration medium Characteristics of samples**

Solutions	Recommended
Solvent Mixtures	Nylon, MCE
Tissue culture Media, Buffers, Protein Analysis/ Biological Samples	CA, PVDF, PES
High Particulate Loads	With GF or PP pre-filter
Aggressive or Pure Organic Solvents	PTFE, PVDF

➢ **Step2: choose the suitable diameter**

Volume of samples	
<20ml	<200ml
17mm	30mm

➢ **Step 3: Choose the suitable pore size based on the nature of your sample**

- Removal of high particulate matter with a glass fiber pre filter is critical before any drug, toxic, or dirty environmental sample is filtered to ensure the highest syringe filter membrane performance.
- Generally, 0.45 μm porosity filters are used to remove particulates from samples and mobile phase solutions. For sterile-filtration, a 0.20 μm porosity filter can be used.

Ordering information

	Order No.	Pore Size(μm)	Membrane	Diameter	Package
	SFNY017022N	0.22	Nylon66	17mm,	100/pk
	SFNY017045N	0.45	Nylon66	17mm,	100/pk
	SFNY030022N	0.22	Nylon66	30mm,	100/pk
	SFNY030045N	0.45	Nylon66	30mm,	100/pk
	SFPES017022N	0.22	PES	17mm,	100/pk
	SFPES017045N	0.45	PES	17mm,	100/pk
	SFPES030022N	0.22	PES	30mm,	100/pk
	SFPES030045N	0.45	PES	30mm,	100/pk
	SFPTFE017022NB	0.22	PTFE	17mm,	100/pk
	SFPTFE017045NB	0.45	PTFE	17mm,	100/pk
	SFPTFE030022NB	0.22	PTFE	30mm,	100/pk
	SFPTFE030045NB	0.45	PTFE	30mm,	100/pk
	SFPVDF017022N	0.22	PVDF	17mm,	100/pk
	SFPVDF017045N	0.45	PVDF	17mm,	100/pk
	SFPVDF030022N	0.22	PVDF	30mm,	100/pk
	SFPVDF030045N	0.45	PVDF	30mm,	100/pk

Note:

1. **Sterile Syringe filter of all materiel are available.**
2. **Free samples are welcomed. We've standard sample pack for customers**