



## Centrifuge Filters

### Micro-Spin, Midi-Spin & Maxi-Spin.

Made of polypropylene. Maxi-Spin with screw cap made of high density polyethylene.

Volumes are max. volumes. Working volumes should be less than stated.

All types are available with eight types of microfiltration membranes with two pore sizes and Micro-Spin also available with nine MWCO's.



Micro-Spin	Midi-Spin	Maxi-Spin
Hold-up volume: <math><5 \mu\text{l}</math>	Hold-up volume: <math><10 \mu\text{l}</math>	Hold-up volume: <math><20 \mu\text{l}</math>
Max. centrifugation: 10,000 G	Max. centrifugation: 5,000 G	Max. centrifugation: 2,500 G
900 $\mu\text{l}$ filter insert and 2 ml tube	5 ml filter insert and 7 ml tube	25 ml filter insert and 50 ml tube
with hinged cap	with hinged cap	with screw cap

## Membrane Types

<b>Nylon</b>	Naturally hydrophilic type with broad solvent resistance. Can also be used for filtration of aqueous samples (pH 3-10) and for commonly used chemicals e.g. Methanol and Acetonitrile.
<b>Polyethersulfone (PES)</b>	Hydrophilic and low protein binding type. Resists pH 1-14.
<b>PVDF</b>	Hydrophilic and low protein binding membrane type. Suitable for both solvent and aqueous liquids. Acid resistant.
<b>Regenerated Cellulose (RC)</b>	Hydrophilic and low protein binding membrane type. Suitable for both solvent and aqueous liquids.
<b>PTFE</b>	Hydrophobic membrane. Resists strong solvents, acids and bases. Not suitable for aqueous samples.
<b>Polypropylene (PP)</b>	Hydrophobic and solvent resistant membrane. Ideal for filtration of samples prior to ion-chromatography.
<b>Cellulose Acetate (CA)</b>	Hydrophilic and low protein binding. For aqueous samples. Also resistant to some alcohols.
<b>Nitro Cellulose (NC)</b>	Hydrophilic (wetting agent added) membrane type. For aqueous samples. Binds proteins.



## Order Information

### Centrifuge Filters

#### Micro-Spin

with microfiltration membranes  
100 pcs. per pack



Membrane	Pore size [µm]	Cat. No.
Nylon	0.2	CINY02
	0.45	CINY45
PES	0.2	CIPE02
	0.45	CIPE45
PVDF	0.2	CIPV02
	0.45	CIPV45
RC	0.2	CIRC02
	0.45	CIRC45
PTFE	0.2	CIPT02
	0.45	CIPT45
PP	0.2	CIPP02
	0.45	CIPP45
CA	0.2	CICA02
	0.45	CICA45
NC	0.2	CINC02
	0.45	CINC45

#### Micro-Spin

with ultrafiltration membranes  
100 pcs. per pack



MWCO [KD]	Membrane	Cat. No.
1	PES	PES.1
	PES	PES.3
3	PES	PES.5
	PES	PES.10
5	PES	PES.30
	PVDF	PVDF.30
10	PES	PES.50
	PVDF	PVDF.100
30	PES	PES.100
	PVDF	PVDF.100
50	PES	PVDF.250
	PVDF	PVDF.250
100	PES	
	PVDF	
250	PES	
	PVDF	

#### Midi-Spin

with microfiltration membranes  
25 pcs. per pack



Membrane	Pore size [µm]	Cat. No.
Nylon	0.2	BNY02
	0.45	BNY45
PES	0.2	BPE02
	0.45	BPE45
PVDF	0.2	BPV02
	0.45	BPV45
RC	0.2	BRC02
	0.45	BRC45
PTFE	0.2	BPT02
	0.45	BPT45
PP	0.2	BPP02
	0.45	BPP45
CA	0.2	BCA02
	0.45	BCA45
NC	0.2	BNC02
	0.45	BNC45

#### Maxi-Spin

with microfiltration membranes  
50 pcs. per pack



Membrane	Pore size [µm]	Cat. No.
Nylon	0.2	XNY02
	0.45	XNY45
PES	0.2	XPE02
	0.45	XPE45
PVDF	0.2	XPV02
	0.45	XPV45
RC	0.2	XRC02
	0.45	XRC45
PTFE	0.2	XPT02
	0.45	XPT45
PP	0.2	XPP02
	0.45	XPP45
CA	0.2	XCA02
	0.45	XCA45
NC	0.2	XNC02
	0.45	XNC45