

## Cellulose Nitrate Filtration Membranes

Type: Standard Cellulose Nitrate Membrane

Product code: SF93A-SF93G, SF94A-SF94G, SF95A-SF95H, SF98A-SF98G, SF99A-SF99G, SF100A-SF100G

### Product description:

Cellulose nitrate material assures effective retention with high flow rates. Cellulose nitrate membranes feature great pore size distribution, low levels of extractables, and increased temperature stability. They have a fine uniform pore structure and high, non-specific adsorption behavior, making them suitable for many blotting procedures. The residue after filtration is found to be almost completely on the surface of the membrane and allows physical recovery of deposits and microscopic examination.

### Features:

- Effective retention
- High flow rate
- Uniform pore size distribution
- Low extractable levels

### Applications:

- Large pore size ( $\geq 1.2\mu$ ) - Cell retention, diagnostic kits, particle retention, clear filtration.
- Small pore size ( $< 1.2\mu$ ) - Sterile filtration of reagents and liquids.

### Specifications:

\* Sterile

Code	Diameter	Pore size	Water flow rate (ml/min/cm <sup>2</sup> ) at $\Delta P=10\text{psi}$ , 20 C	Maximum operating Pressure (Kg/cm <sup>2</sup> )	Bubble point (psi)	Sterile	Autoclavable	Packing
SF93A	13mm	0.22 $\mu$	20	3	33	No	Yes	1x100 no
SF93B		0.45 $\mu$	46			No	Yes	1x100 no
SF93C		0.8 $\mu$	259			No	Yes	1x100no
SF93D		1.2 $\mu$	364			No	Yes	1x100 no
SF93E		3.0 $\mu$	-			No	Yes	1x100 no
SF93F		5.0 $\mu$	780			No	Yes	1x100 no
SF93G		10.0 $\mu$	-			No	Yes	1x100 no
SF94A	25mm	0.22 $\mu$	20	3	33	No	Yes	1x100 no
SF94B		0.45 $\mu$	46			No	Yes	1x100 no
SF94C		0.8 $\mu$	259			No	Yes	1x100no
SF94D		1.2 $\mu$	364			No	Yes	1x100 no
SF94E		3.0 $\mu$	-			No	Yes	1x100 no
SF94F		5.0 $\mu$	780			No	Yes	1x100 no
SF94G		10.0 $\mu$	-			No	Yes	1x100 no
SF95A	47mm	0.22 $\mu$	20	3	33	No	Yes	1x100 no
SF95B		0.45 $\mu$	46			No	Yes	1x100 no
SF95C		0.8 $\mu$	259			No	Yes	1x100no
SF95D		1.2 $\mu$	364			No	Yes	1x100 no
SF95E		3.0 $\mu$	-			No	Yes	1x100 no
SF95F		5.0 $\mu$	780			No	Yes	1x100 no
SF95G		10.0 $\mu$	-			No	Yes	1x100 no
*SF95H	0.45 $\mu$	46	Yes	-	100x1no			

Code	Diameter	Pore size	Water flow rate (ml/min/cm <sup>2</sup> ) at ΔP=10psi, 20 C	Maximum operating Pressure (Kg/cm <sup>2</sup> )	Bubble point (psi)	Sterile	Autoclavable	Packing
SF98A	90mm	0.22 μ	20	3	52	No	Yes	1x100 no
SF98B		0.45 μ	46	3	33	No	Yes	1x100 no
SF98C		0.8 μ	259	3	14	No	Yes	1x100no
SF98D		1.2 μ	364	3	-	No	Yes	1x100 no
SF98E		3.0 μ	-	3	-	No	Yes	1x100 no
SF98F		5.0 μ	780	3	-	No	Yes	1x100 no
SF98G		10.0 μ	-	3	-	No	Yes	1x100 no
SF99A	142mm	0.22 μ	20		52	No	Yes	1x100 no
SF99B		0.45 μ	46	3	33	No	Yes	1x100 no
SF99C		0.8 μ	259	3	14	No	Yes	1x100no
SF99D		1.2 μ	364	3	-	No	Yes	1x100 no
SF99E		3.0 μ	-	3	-	No	Yes	1x100 no
SF99F		5.0 μ	780	3	-	No	Yes	1x100 no
SF99G		10.0 μ	-			-	No	Yes
SF100A	293mm	0.22 μ	20	3	52	No	Yes	1x100 no
SF100B		0.45 μ	46	3	33	No	Yes	1x100 no
SF100C		0.8 μ	259	3	14	No	Yes	1x100no
SF100D		1.2 μ	364	3	-	No	Yes	1x100 no
SF100E		3.0 μ	-	3	-	No	Yes	1x100 no
SF100F		5.0 μ	780	3	-	No	Yes	1x100 no
SF100G		10.0 μ	-	3	-	No	Yes	1x100 no

**Disclaimer :**

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