



## MEMBRANE FILTERS

Riviera Membrane Filters are ideal to serve the industries which desire fine filtration. These Membrane Filters are used extensively for removal of particulate, bacteria and virus' from liquids as well as from air

### Cellulose Nitrate Membrane Filter - Type RCN, RIVIERA

Cellulose Nitrate Membrane Disc filters are hydrophilic, non-media migrating, biologically inert, plain white absolute membrane filter available in wide range of pore size from 0.22µm to 0.80 µm.

#### Features and Benefits :

- Absolute Retention
- High Flow rates
- Narrow pore size distribution
- Low extractable levels

#### Applications :

- Sample Preparations
- Microbiological studies
- Filtration of Aqueous solution.

#### Specifications :

- Retention Efficiency: 0.22 µm : LRV > 7 for Br. diminuta
- Sterilisation: Autoclavable at 121°C
- Maximum Operating Temp: 80°C continuous
- Maximum Operating Pressure: 5 kg/cm<sup>2</sup>
- Bio safety: Passes the Biological tests for Class VI plastics as described in USP.
- Oxidizable Matter: Passes as per USP.

### Integrity Test Data

Pore size µm	Wetting Fluid	Bubble Point		Water Flow Rate ml/min/cm <sup>2</sup> at ΔP=10psi at 20°C
		psi	kg/cm <sup>2</sup>	
0.22	Water	52	3.65	20
0.45	Water	33	2.32	46
0.80	Water	14	0.98	259

Cat No.	Porosity µm	Dia Base mm	No. of Sheets per Box	No. of Boxes per Case
75400 4722	0.22	47	100	10
75400 4745	0.45	47	100	10
75400 4780	0.80	47	100	10

### Cellulose Nitrate Membrane Filter, GRIDDED - Type RGCN, RIVIERA

RGCN membranes are made of cellulose nitrate, a material which assures effective retention with high flow rates. These membranes are useful for water microbiology. A grid is printed on the surface to facilitate colonies.

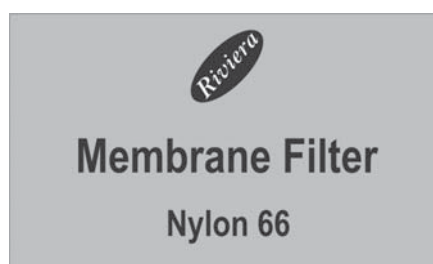
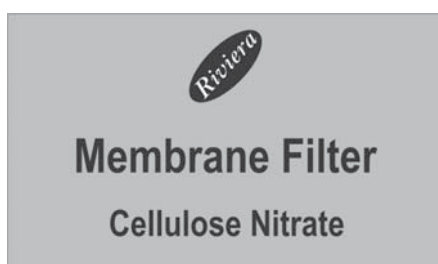
#### Features and Benefits :

- High Flow rates.
- Non inhibiting ink grids.
- Validated for microbial recovery.

#### Applications :

- RGCN membranes are useful for water microbiology. The printed grid eases the counting of bacterial colonies, micro colonies etc, and in no way influences the growth of bacteria.

Cat No.	Porosity µm	Dia Base mm	No. of Sheets per Box	No. of Boxes per Case
75600 4722	0.22	47	100	10
75600 4745	0.45	47	100	10
75600 4780	0.80	47	100	10





**Nylon - 66 Membrane Filter - Type RN, RIVIERA**

Nylon membrane disc filter are double layered hydrophilic, non media migrating, biologically inert, flexible, durable, plain white absolute membrane filter offering wide chemical compatibility.

**Features and Benefits :**

- Absolute Retention
- Wide chemical compatibility
- Not extractable
- High heat resistance
- Base of handling

**Specifications :**

- Retention Efficiency: 0.22  $\mu\text{m}$  : LRV > 7 for Br. diminuta
- Sterilisation: Autoclavable at 121°C
- Maximum Operating Temp: 80°C continuous
- Maximum Operating Pressure: 5 kg/cm<sup>2</sup>
- Bio safety: Passes the Biological tests for Class VI plastics as described in USP.
- Oxidizable Matter: Passes as per USP.

**Integrity Test Data**

Pore size $\mu\text{m}$	Wetting Fluid	Bubble Point		Water Flow Rate ml/min/cm <sup>2</sup> at $\Delta\text{P}=10\text{psi}$ at 20°C
		psi	kg/cm <sup>2</sup>	
0.22	Water	52	3.65	14.5
0.45	Water	33	2.32	38.5
0.80	Water	14	0.98	125

Cat No.	Porosity $\mu\text{m}$	Dia Base mm	No. of Sheets per Box	No. of Boxes per Case
75500 4722	0.22	47	100	10
75500 4745	0.45	47	100	10
75500 4780	0.80	47	100	10

**Edge Hydrophobic Membrane Disc Filter, - Type REHCN, RIVIERA**

REHCN Membranes are used for sterility testing of antibiotics & drugs containing bacteriostats. 6 mm rim is hydrophobic and rest of the membrane is hydrophilic. The hydrophobic edge does not allow drug to seep under the rim of the filter holder. This ensures complete removal of the drug during flushing so that growth of any micro-organisms which have been retained on the membrane is not inhibited due to the residual drug, improving the sensitivity and reliability of the test.

**Specifications :**

- Sterilisation: Autoclavable at 121°C
- Maximum Operating Temp: 80°C continuous
- Maximum Operating Pressure: 5 kg/cm<sup>2</sup>
- Bio safety: Passes the Biological tests for Class VI plastics as described in USP.
- Oxidizable Matter: Passes as per USP.

**Integrity Test Data**

Pore size $\mu\text{m}$	Wetting Fluid	Bubble Point		Water Flow Rate ml/min/cm <sup>2</sup> at $\Delta\text{P}=10\text{psi}$ at 20°C
		psi	kg/cm <sup>2</sup>	
0.45	Water	33	2.32	46

Cat No.	Porosity $\mu\text{m}$	Dia Base mm	No. of Sheets per Box	No. of Boxes per Case
75700 4745	0.45	47	100	10

