

# Reinforced Membrane Prefilters

■ Non-fibrous prefilters for submicron clarification or prefiltration

Type-RW prefilters from Millipore can be used to remove contaminants from a variety of liquids and gases. The filters have a high dirt holding capacity and a low pressure drop, which makes them ideally suited for reducing contaminant levels in advance of sterilizing-grade filters.

Whereas traditional prefilter materials contain asbestos or fiberglass, Type-RW filters are made from non-shedding materials (microporous polymers of cellulose esters formed around a polyester web). The filters retain contamination on the surface of the cellulose membrane.

## Specifications

	RW03	RW06	RW19
Typical Application	Prefiltration before 0.22 $\mu\text{m}$ membrane	Prefiltration before 0.45 $\mu\text{m}$ membrane	Prefiltration before 1.2 $\mu\text{m}$ membrane
Color	White	White	White
Wettability	Hydrophilic	Hydrophilic	Hydrophilic
Retention rating ( $\mu\text{m}$ )	0.2	0.5	1.2
Thickness ( $\mu\text{m}$ )	200	200	200
Water flow rate (mL/min/cm <sup>2</sup> )	50	150	260
Porosity (%)	70	70	70
Protein binding ( $\mu\text{g}/\text{cm}^2$ )	120	80	20
Sterilization	Yes*	Yes*	Yes*
Maximum operating temperature (°C)	70	70	70
Bacterial endotoxin (EU/mL)	<0.5	<0.5	<0.5
Gravimetric extractables (%)	<1.0	<1.0	<1.0

\*Sterilize by ETO or autoclave (121 °C at 15 psi)

## Ordering Information

		RW03	RW06	RW19
47 mm	100/pk	RW03 047 00	RW06 047 00	RW19 047 00
90 mm	100/pk	RW03 090 00	RW06 090 00	RW19 090 00
124 mm	50/pk	RW03 124 50	RW06 124 50	RW19 124 50
142 mm	50/pk	RW03 142 50	RW06 142 50	RW19 142 50

## To Place an Order or Receive Technical Assistance

For additional information call your nearest Millipore office:

In the U.S. and Canada, call toll-free **1-800-MILLIPORE (1-800-645-5476)**

In the U.S., Canada and Puerto Rico, fax orders to **1-800-MILLIFX (1-800-645-5439)**

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