

Reverse Osmosis Benefits

Thin Film Membrane Rejection Characteristics

Nominal Rejection Characteristics of Thin Film Composite Reverse Osmosis Membranes

ION	% REJECTION
Calcium	93-98
Sodium	92-98
Magnesium	93-98
Potassium	92-96
Manganese	96-98
Iron	96-98
Aluminum	96-98
Copper	96-98
Nickel	96-98
Cadmium	93-97
Silver	93-96
Zinc	96-98
Mercury	94-97
Hardness Ca & Mg	93-97
Radioactivity	93-97
Chloride	92-95
Ammonium	80-90

ION	% REJECTION
Bromide	90-95
Phosphate	95-98
Chromate	85-95
Cyanide	85-95
Sulfate	96-98
Thiosulfate	96-98
Silicate	92-95
Silica	80-90
Nitrate	90-95
Boron	50-70
Borate	30-50
Fluoride	92-95
Polyphosphate	96-98
Orthophosphate	96-98
Chromate	85-95
Bacteria	99 +
Lead	95-98

**The above percent rejection is for reference only. The above listing is for the most common impurities found in water. Thin Film Composite RO membranes may also remove other less common impurities found in water (i.e. Uranium, Arsenic, etc.) Actual rejection will depend heavily on the exact chemistry, temperature, pressure, and TDS content of the feed water. If you have any questions, please contact us.*

About AMI® Brand Membrane Elements

AMI Membrane Elements have earned the reputation of consistent quality. With hundreds of thousands of membranes in operation world-wide, AMI Membrane Elements are among the finest in the industry with performance comparable to most major brands.

Advantages of AMI Membranes

- Made in the USA in our ISO 9001:2008 Certified Facilities
- Offered in Reverse Osmosis, Ultrafiltration, Nanofiltration, Microfiltration, Seawater, and Special Membranes
- Available in a Large Range of Both Residential and Commercial Styles and Sizes
- NSF Certified in Select Models
- Backed by our Experienced Technical Support Staff
- High Quality for Consistent and Reliable Performance
- Competitive Prices



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