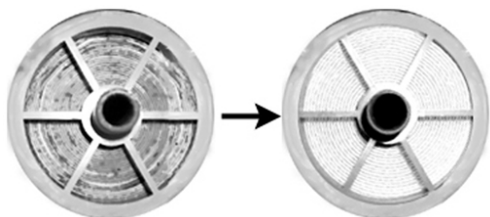


## Membrane Cleaning and Support Chemicals

Applied Membranes, Inc. has formulated its own proprietary membrane cleaning chemicals. These products are a result of over 20 years of hands-on experience of our engineers and chemists. We offer technical expertise and assistance in troubleshooting and cleaning of RO membranes to give you an optimum system performance.



Example of Fouled vs. Cleaned Membrane



### AMI<sup>®</sup> Membrane Cleaning Chemicals

- AMI membrane cleaners are sold in powder form in 25lb containers. (Some are available in 5lb. containers as well.)
- Mixing and cleaning instructions, product specifications, and MSDS sheets are included with each container.

Model Number	To Remove	pH	For Membrane Type	Container Size
AM-11-25	Mineral Scale, Hardness, Iron, Barium Sulfate, Etc.	Acid	Thin Film (TF)	25 lb
AM-11-5				5 lb
AM-22-25	Biofilms, Organics	Alkaline	Thin Film (TF)	25 lb
AM-22-5				5 lb
AM-23-25*	Silica, Biofilms, Organics	Alkaline	Thin Film (TF)	25 lb
AM-33-25	Biofilm, Organics	Alkaline	CA/CTA	25 lb
AM-44-25	Hardness, Iron, Metal Scales	Acid	CA/CTA	25 lb
AM-55-25	Colloids(Silt), Biofilm, Organics	Alkaline	TF, CTA, MF, UF	25 lb
AM-99-25	Silica, Silicates	Acid	Thin Film (TF)	25 lb
AM-124-25	Iron Deposits	Acid	TF, CA/CTA	25 lb

### Membrane Preservative and Support Chemicals

Model Number	Description	Container Size
AM-88-25	Membrane Preservative for TF, CA, MF &UF Type Membranes	25 lb
AM-88-5		5 lb
AM-225	Glycerin Lubricant and Preservative	1 Gallon
PS-77*	RO System and Membrane Disinfectant	1 Quart

\* Items marked with an asterisk are classified as DOT hazardous materials and cannot be shipped by UPS or by air. Can be shipped by ground common carrier or ocean shipment only.

Visit us on the web for our complete product line and in-depth technical information. [www.appliedmembranes.com](http://www.appliedmembranes.com)



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## Membrane Cleaning & Preserving Cartridges

### Benefits of Membrane Cleaning Cartridges:

- Clean Membranes Without Removing them from Your System
- Reduce Downtime
- Maintain Your System Performance at a Higher Level
- Prolong Membrane Life by Regular Use of Cleaning Cartridge
- Designed to Fit Standard and Big Blue Filter Housings in 10" & 20" Lengths
- For use on Thin Film Membranes in Systems up to 20,000 GPD

### How do they Work?

Simply exchange the pre-filter cartridge in your system with a cleaning cartridge and run the system to flush the chemical into the membranes. Allow the solution to sit in the system overnight, then flush the chemicals to drain the next morning. We recommend a monthly cleaning to obtain optimum results.



### Membrane Cleaning Cartridges Ordering Information

Model Number	Contains Cleaning Chemical	To Remove	For Filter Housing Size	# of 4x40 Membranes Cleaned per Ctg.
C-C2510-A11	AM-11 (Acid)	Mineral Scale, Hardness, Iron, Barium Sulfate, Etc.	10" Standard	1
C-C2520-A11	AM-11 (Acid)		20" Standard	1 to 2
C-C4210-A11	AM-11 (Acid)		10" Big Blue	2 to 3
C-C4220-A11	AM-11 (Acid)		20" Big Blue	4 to 6
C-C2510-A22	AM-22 (Alkaline)	Biofilms, Organics	10" Standard	1
C-C2520-A22	AM-22 (Alkaline)		20" Standard	1 to 2
C-C4210-A22	AM-22 (Alkaline)		10" Big Blue	2 to 3
C-C4220-A22	AM-22 (Alkaline)		20" Big Blue	4 to 6
C-C2510-A23*	AM-23 (Alkaline)	Silica, Biofilms, Organics	10" Standard	1
C-C2520-A23*	AM-23 (Alkaline)		20" Standard	1 to 2

### Membrane Preserving Cartridges

- Cartridges are loaded with a pre-measured amount of our proprietary membrane preservative AM-88 to preserve system and membranes in-place for extended periods of system shut-down.

Model Number	Contains	For Filter Housing Size	# of 4x40 Membranes Preserved per Ctg.
C-C2510-A88	Membrane Preservative (AM-88)	10" Standard	1 to 2
C-C2520-A88	Membrane Preservative (AM-88)	20" Standard	2 to 4
C-C4210-A88	Membrane Preservative (AM-88)	10" Big Blue	2 to 4
C-C4220-A88	Membrane Preservative (AM-88)	20" Big Blue	4 to 8

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