



atA-Z100-RO/NF Membrane Cleaning Compound



ADVANTAGES

Designed for removal of tough organic scales such as calcium phosphonate, calcium polyacrylate, and calcium citrate
Removes inorganic carbonate, phosphate, and hydroxide scales
Effective even in cases of severe scaling – complete removal of scale reduces cleaning frequency

TYPICAL PROPERTIES

Appearance.....	Colorless to light yellow liquid
Odor.....	Characteristic
pH (@25°C).....	≤1
Solubility in water.....	Complete
Specific Gravity.....	1.10 ± 0.05 (g/cm ³)

CHEMICAL FEEDING AND CONTROL

The cleaning solution should be prepared using potable water that is free of residual chlorine or other oxidizing agents. Add 2 gallons of atA-Z100 to every 100 gallons of water (2% solution). Adjust the pH in the range 2-3. Recirculate the cleaning solution throughout the system, after redirecting the first 20% of the solution to drain. Do not exceed pressures, temperatures, and flow rates recommended by the membrane manufacturer. Cleaning efficacy can be further improved by heating the cleaning solution and alternately circulating the solution for 15 minutes and then soaking the membranes for 15 minutes. Repeat as necessary. Monitor the pH range periodically throughout the cleaning. When pH increases above the desired range, it should be adjusted by adding more atA-Z100.

SAFETY AND HANDLING

Store in a cool, dry and well ventilated area. Keep containers closed. Wash contaminated clothes before re-use. Wash thoroughly after handling. For more information, see the Safety Data Sheet provided with this product.

PACKAGING

atA-Z100 is packaged in 25 KG non-returnable plastic drums.



反渗透膜清洗剂atA-Z100



优点

设计用于去除坚硬的有机污垢，如磷酸钙、聚丙烯酸钙和柠檬酸钙。

典型性状

外观	清澈无色至淡黄色液体
气味	特征性气味
水溶性	完全溶解
pH@(25°C)	≤1
密度	1.10±0.05 (g/cm ³)

安全和操作

储藏于阴凉干燥和通风的场所，关紧容器盖。受污染的衣服应该洗净后再用。使用产品后彻底洗净。更多信息参见 MSDS 数据单。

化学制剂添加与控制

用不含残余氯或其他氧化剂的饮用水来配置清洁液。在 100 加仑水中加入 2 加仑 atA-Z100 药剂，将酸碱度调整在 2-3 的范围内，将洗涤液循环至整个系统，不要超过膜制造商推荐的压力、温度和流速。加热清洁溶液并交替循环 15 分钟，然后浸泡膜 15 分钟，可以进一步提高清洁效果。在整个清洗过程中，定期监控酸碱度范围。当酸碱度超过所需范围时，应适当添加 atA-Z110 进行调节。

包装

atA-Z100 以 25 公斤不可返还塑料桶包装。