

**RoClean P703** is a powdered cleaner designed to remove metal foulants such as iron, manganese, and aluminium deposits from thin film composite and cellulose acetate membranes. RoClean P703 is buffered to prevent the pH limits of a membrane being exceeded in the event of misapplication.

#### Performance

**RoClean P703 offers a variety of performance benefits:**

- Compatible with the major membrane suppliers.
- Superior results in the removal of metals, especially when compared to generic citric and hydrochloric acid formulations.
- Contains a specialised blend of proprietary blend of buffers, chelants, surfactants, and dispersants.
- Highly buffered to resist pH changes during the cleaning process.
- Can be used in conjunction with other applicable cleaners as shown in the Avista cleaner selection guide.

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#### Instructions for Use:

For moderate to severe fouling, RoClean P703 should be applied at a nominal strength of 20% w/v. For milder fouling, or where frequent cleaning is employed, satisfactory results may be achieved at 10% w/v.

The cleaning solution should be recirculated at the flow rate recommended by the membrane manufacturer, taking care not to exceed the guidelines for pressure. Avista Technologies recommend the following flowrates for cleaning spiral wound elements:-

Element Diameter	Flowrate
4" (100mm)	40 lpm
8" (200mm)	150 lpm

#### Temperature:

Where possible, apply the cleaning solution at the maximum temperature recommended by the membrane manufacturer.

#### Packaging:

RoClean P703 is available in 20 Kgs pails. Other packaging is available on request.

Property	Analysis
Appearance	Pale Cream Powder
pH at 20% solution	2.5 – 3.5
Density	0.9 – 1.0 kg/litre