

# CA202 MEMBRANES

## TECHNICAL DATA

CA202 Membranes	
Polymer	Cellulose Acetate
pH Range	2 to 7.25
Maximum Operating Pressure	12 bar
Maximum Operating Temperature	30°C
Feed Flow Rate	up to 30 l/min per single tube
Clean Water Flux (Typical)	23 l/m <sup>2</sup> /hr at 15°C and 10 bar
Molecular Weight Cut Off	2,000 Da (NOMINAL)



### CIP Solution

#### Step 1

0.5% w/w Ultrasil 67 (based on plant tubeside volume), corrected to pH 7.0 - 7.25 (using dilute Sulphuric or Citric Acid) at 30 - 32°C recirculated for 60 - 90 minutes.

#### Sanitisation

Sufficient Sodium hypochlorite to make a solution of 75ppm free chlorine (0.42ml/l of sodium hypochlorite containing 14% free chlorine) based on plant total volume. The pH of the solution is corrected to pH 6.8 to 7.2 using dilute Sulphuric or Citric Acid. CAUTION – do not over acidify the solution as this will release chlorine gas.