

LP450 MEMBRANES TECHNICAL DATA



LPA450 & LPS450 Membranes

Polymer	PVDF FLUOROPOLYMER
pH Range	1.5 to 10.5
Maximum Pressure	7.0 BAR
Maximum Temperature	60°C
Feed Flow Rate	30 l/min single tube
Clean Water Flux (Typical)	1,100 l/m ² /hr at 15°C and 1.0 bar
Molecular Weight Cut Off	400,000-500,000 (NOMINAL)

CIP Solution

Step 1 Sodium hydroxide to pH 10.5 max. at 50-55°C. recirculated for 20 minutes.

Step 2 Sodium hydroxide to pH 10.5 max. plus sufficient sodium hypochlorite to give 200 ppm free chlorine (based on plant total volume), maximum 250 ppm at 50-55°C, recirculated for 30 minutes during

which further sodium hypochlorite may be added to maintain the level of free chlorine.

It is essential that the pH of 10.5 is achieved before addition of sodium hypochlorite in order to prevent attack of the membrane by the hypochlorite.