

Water Quality Guidelines For CIP

The quality of water used for flushing and cleaning Synder Filtration membranes is of utmost importance in order to avoid unwanted deposits on the membrane originating from the water. In most cases, municipal water does not qualify as “clean water”.

Special attention should be paid to possible foulants such as iron, manganese, and silicates. Clean water must meet the following specifications at all times:

Iron (Fe)	<0.05ppm
Manganese (Mn)	<0.02ppm
Silicate (SiO ₂)	<5ppm
Aluminum (Al)	<0.05ppm
Hardness	<85ppm as CaCO ₃
Particle Size	<10 micron
Turbidity	<1 NTU