

Clariphex

CHEMX HT series – Special Membranes for High Temperature application

Product description

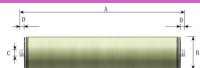
CHEMX HT Series membranes are specifically engineered for thermal disinfection systems, effectively eliminating the contamination risks inherent to chemical disinfection methods. These specialized membranes boast robust thermal tolerance: they can withstand temperatures up to 90°C (194°F) for short-duration disinfection cycles and maintain stable operation at continuous service temperatures of up to 60°C (141°F). Ideal for pharmaceutical and food processing applications where stringent hygiene and high-purity standards are non-negotiable, the CHEMX HT Series also delivers reliable divalent salt removal capabilities. This combination of thermal resilience, contamination control, and consistent separation performance makes it a trusted solution for industries demanding both sterility and precision in water treatment.

Product Highlights:

- * Excellent high-temperature stability, ensuring seamless compatibility with thermal disinfection processes (critical for sterility-focused applications).
- * Consistent divalent salt rejection performance, which safeguards product quality by preventing unwanted salt contamination in high-purity streams.
- * Tailored for high-purity applications in the pharmaceutical and food industries, aligning with the stringent hygiene and separation standards of these sectors.
- * Exceptional service life even in elevated temperature environments, reducing the frequency of membrane replacement and lowering long-term operational costs (up to more than a year, depend on application intensity).

Product Dimensions:

Membrane Code	Dim. A		Dim. B		Dim. C		Dim. D	
	mm	inch	mm	inch	mm	inch	mm	inch
CHEMX-HT-400	1016	40	201	7.9	29	1.125		
CHEMX-HT-82	963	37.9	99	3.9	19	0.75	26.7	1.05



Product Specifications:

Membrane Code	Effective Area		Permeate flowrate		Stable Rejection (%)	Material		
	(m ²)	(ft ²)	(m ³ /d)	(gpd)				
CHEMX-HT-400	37	400	30	7920	≥97	FRP		
CHEMX-HT-82	7.6	82	5.8	1530	≥97	FRP		

Operation & Cleaning Limits:

Notes: