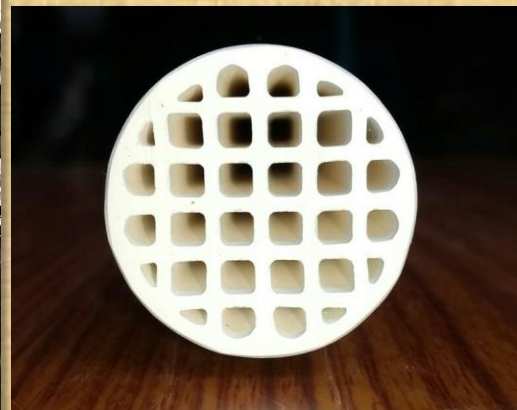
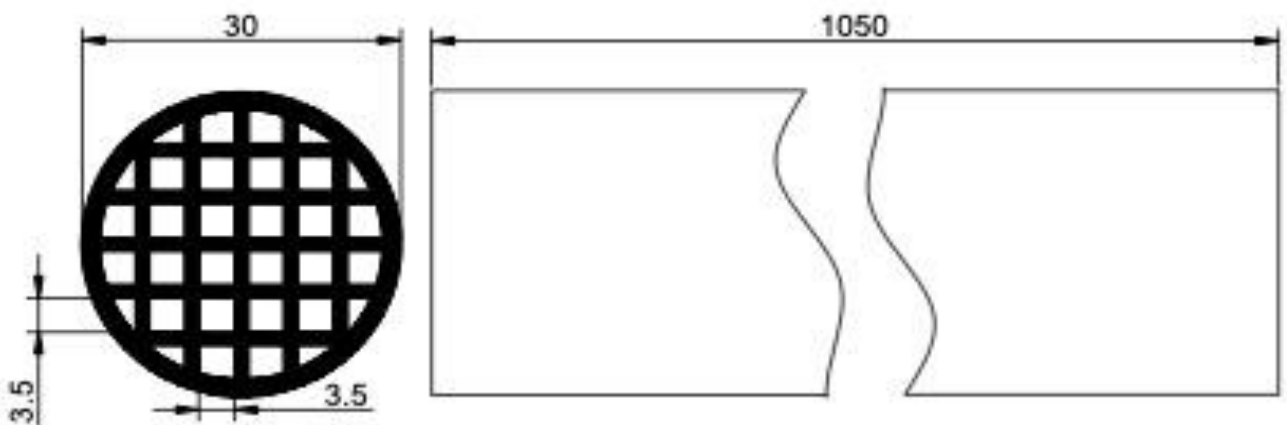
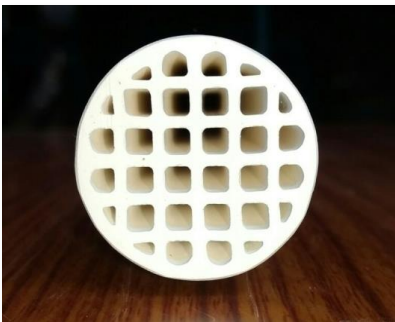


Kerasiev® datasheet



Kerasiev® ceramic membranes DESIGN



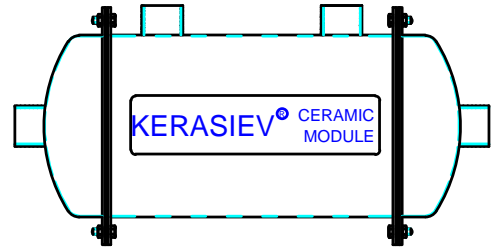
Nomenclature	Outer Diameter (mm)	Channel number	Surface area (m ²)/ 520mm length (approx)
K32SM	30	32	0.38

Kerasiev® ceramic membranes

TECHNICAL DATA



Membrane Trade Name	KERASIEV®
Membrane [M] and Substrate Material of Construction	Al ₂ O ₃
Membrane Type	Porous Multi hole tubular
Filtration type	Cross Flow
Flow Direction	Inside- out operation
Nominal Pore Size	0.02, 0.03, 0.1, 0.3 μm pore size
Reference Flux (litres) per square meter filtration surface area	240LMH
Overall length	1050mm
pH- stability	2-13pH
Sealing Type & Material	Side sealing, Glass based membrane both end (10mm) and Vitron 'O' ring
All membrane designs are suitable for steam sterilization ≥ 121°C / 249.8° F.	



Kerasiev® standard pressure vessels

TECHNICAL DATA

Material	Stainless steel of diverse ranges, 304/316 and 316 L
Filter surfaces	From 0.38 m ² to approx. 14.06 m ² per vessel; 37 nos membranes/per module
Pressure rating	10 bar
Max. Temperature	110°C
Overall length	up to 1200 mm
Fittings	Threaded fittings/flange
Sealings	Industrial design (o-ring & bush)
We will also manufacture customized vessels for your particular needs.	

APPLICATION

Pre-filtration for RO,UF and Softeners
 Removal of Organic/Inorganic Total Suspended solid (TSS) from sea water for desalination plant
 For Industrial drinking purpose
 For surface water polishing as TSS controller & Pathogen filtration
 For Cooling tower
 For Acid and basic solution filtration
 Dairy, food (fruit juice) and pharmaceutical product process/pre treatment
 Protein separation
 Metal recovery

NEED INOVATION

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