

SOLUTIONS FOR REVERSE OSMOSIS FILTER ELEMENTS



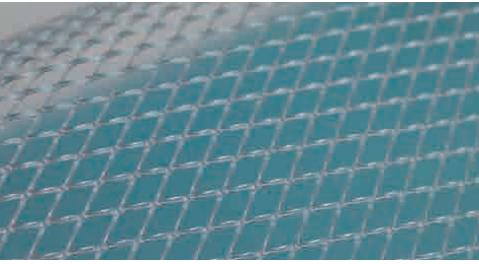
GESSNER IS YOUR ONE STOP SHOP PROVIDING SEVERAL COMPONENTS FOR REVERSE OSMOSIS FILTER ELEMENTS TO ENSURE CLEAN & SAFE WATER

Clean water is a necessity for the survival of humankind. Today clean water is a diminishing resource, making water purification technology more important than ever.

GESSNER supports the global water filtration industry by providing a full range of support materials including the most innovative feed spacers, membrane casting substrates, membrane backing papers, permeate tubes, and custom CNC-machined parts. Producers of spiral wound membranes trust GESSNER to provide high quality specialty materials for reverse osmosis (RO) and other filtration applications.

OUR BENEFITS

- One stop shop supplier for most RO filter components
- Outstanding long-term customer relationships
- Tailor-made innovative solutions
- Joint customer developments
- High flexibility in production
- Best-equipped testing laboratories
- State-of-the-art technologies
- Global footprint - local sourcing in North America, Europe, and Asia



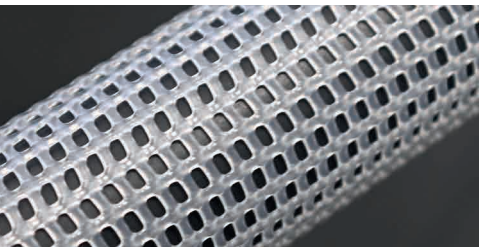
NALTEX™ & CONWED™ FEED SPACERS

Our line of Naltex™ & Conwed™ Feed Spacers provide support and separation for membranes in spiral wound filtration elements. Filtration manufacturers around the world seeking high performance feed spacers turn to our full line of custom designed diamond or square netting with varying geometries, specialty resins and optimal flow characteristics. Naltex™ & Conwed™ Feed Spacers are used in nearly all spiral wound membrane filtration applications, ranging from HRO to municipal water and industrial process filtration to waste water.



CRANEMAT™ MEMBRANE CASTING SUBSTRATES

Cranemat™ Membrane Casting Substrates are highly engineered, wet laid synthetic supports for casting RO membranes. Each roll has a lay flat, smooth surface that is resistant to curling without effects. Each roll is stringently tested to ensure a high level of consistency, leading to excellent adhesion and overall superior runnability. Extended roll lengths are available to minimize changeovers, thereby improving production efficiency.



CONWED™ SUPPORTIVE OUTERWRAP

Conwed™ square netting is used in specialty RO applications for a supportive outerwrap that acts as a way to create turbulent flow on the outside of the membrane in order to reduce dead space where bacteria would typically grow and thrive.



CORETEC™ PERMEATE TUBES

Coretec™ high performance permeate tubes are made from engineering grade resins and are custom designed to deliver unmatched performance and quality. Coretec™ permeate tubes can be fully customized to be used in a wide variety of spiral wound membrane filters ranging from small HRO products up to large volume municipal and industrial membrane systems used in water and process filtration applications.



CORETEC™ MACHINED PARTS

Coretec™ machined parts are made from engineering grade materials and are custom designed to deliver unmatched performance and quality. Uses include a wide variety of spiral wound membrane filters ranging from small HRO to large volume municipal and industrial membranes for both water and process filtration applications.

A FULL RANGE OF
PRODUCTS FOR
REVERSE OSMOSIS
SPIRAL WOUND
MEMBRANES

