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Company News

8 MEMBRANE PRODUCTS READIED FOR LAUNCH

Last week, Los Angeles, California-based PolyCera Membranes gave *WDR* an advance look at the new family of ultrafiltration (UF) and nanofiltration (NF) membrane products that will be introduced later this month. According to Simon Marshall, the company's president and CEO, the latest additions to its product line include seven new, higher performance spiral monolith UF membrane elements. The company will also introduce a new NF element, which has a nominal 1 nm pore size and a 500 Da molecular weight cutoff (MWCO).

"All of our new products employ PolyCera's hydrophilic, antifouling and oil resistant membrane chemistry with a 100,000 ppm-hour chlorine tolerance, combining the very best attributes of polymeric, tubular filtration with ceramic-like performance. While our range of Titan membranes can operate at temperatures of up to 70°C [158°F], the new Titan

Off-shore UF element is able to operate at 90°C [194°F]. All of our products with the new 40-mil [1mm] spacer will produce 52 percent more flow than our current design, resulting in a lower capital cost," said Marshall.

"The other new UF products include various combinations of higher production capacities and higher solids loading, using 80 and 120-mil [2 and 3mm] thick membrane spacers, and we are particularly happy to be introducing our Titan NF membrane three months ahead of schedule. We are now looking for Beta field trial sites for the 4-inch diameter NF membrane."

Product data sheets should be posted on the company's website by the end of this week and the formal launch will take place at the Water Environment Federation Technical Exhibition and Conference (WEFTEC), which starts on 29 September in New Orleans, Louisiana.



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