

# Pure Water Spiral Wound Membranes Summary

**CUSTOMER BENEFITS** 

## Join Veolia in our purpose of ecological transformation with pure water spiral wound membranes



Spiral wound membranes are a critical part of Veolia's water treatment product offering that is the broadest of any technology provider. Pure water spiral wound membranes, as used in applications such as drinking water treatment, boiler feed water treatment, or beverage production, are a critical technology to facilitate ecological transformation through essential services in communities and industries alike.

The success of Veolia's spiral wound membrane business is deeply rooted in collaboration and partnership. Veolia's spiral wound membrane experts and global team are recognized for being committed to our customers and earn credibility by standing next to our customers as they solve their spiral wound membrane challenges.

### **Spiral Wound Membrane Product Offering**

- Two tier performance and value structure for commonly used elements allows better fits to varying customer needs
- Reliable performance with broad portfolio of chemistries to suit many applications
- Manufacturing operations in the United States, China, Germany, Hungary and India
- Continual investment in state-of-the-art manufacturing processes such as coating technologies and fabrication automation
- Innovation is a foundation of the business and provides a steady stream of new products
- Quality controls with performance indicators recorded by element serial numbers
- Long shelf life and high element packing density per pallet to minimize freight expense

### **Industry Leading Technical Support and Tools**

- Largest global sales and technical support structure for spiral wound membranes
- Expert application engineers located around the world to efficiently help select the right product
- Industry leading <u>Winflows Membrane System</u>
   Design Software for simulating field performance
- Support including water testing and analysis to support specific projects and autopsy services
- Broadly available eStore provides on-demand stock inquiries, and lead time estimates
- Education and training programs for channel partners, turn Veolia expertise into their capability

### **Broadest Portfolio of Products**

- Single source accountability when purchased with depth and pleated filters, ZeeWeed\* hollow fiber ultrafiltration, E-Cell\* electrodeionization, Ozonia\* oxidation and Aquaray\* UV disinfection systems, chemicals, and associated equipment and systems
- Thousands of successful installations providing a broad install base of opportunity

Table 1: Most Popular Premium and Standard Pure Water Spiral Wound Membranes

| Part Number | Model             | Description  | Fact Sheet Link |
|-------------|-------------------|--|-----------------|
| 3150329     | AG-400 H          | Premium Brackish Water RO AG Elements                    | AG H Series     |
| 3150328     | AG-440 H          | Premium Brackish Water RO AG Elements                    | AG H Series     |
| 3194885     | AG-90 H           | Premium Brackish Water RO AG Elements                    | AG H Series     |
| 3032518     | AG8040F-400       | Standard Brackish Water RO AG Elements                   | AG Series       |
| 3032513     | AG4040FM          | Standard Brackish Water RO AG Elements                   | AG Series       |
| 3150326     | AK-400 H          | Premium Brackish Water RO Low Energy AK Elements         | AK H Series     |
| 3150327     | AK-440 H          | Premium Brackish Water RO Low Energy AK Elements         | AK H Series     |
| 3194886     | AK-90 H           | Premium Brackish Water RO Low Energy AK Elements         | AK H Series     |
| 3039161     | AK8040F-400       | Standard Brackish Water RO Low Energy AK Elements        | AK Series       |
| 3039082     | AK4040FM          | Standard Brackish Water RO Low Energy AK Elements        | AK Series       |
| 3187651     | AG-400 FR H       | Premium Brackish Water RO AG Fouling Resistant Elements  | AG FR H Series  |
| 3136931     | AG8040F-400 FR,34 | Standard Brackish Water RO AG Fouling Resistant Elements | AG FR Series    |

**Table 2: Other Pure Water Spiral Wound Membranes** 

| Series          | Example Model Name* | Description   | Fact Sheet Link |
|-----------------|---------------------|---|-----------------|
| AC Series       | AC-400,34           | Highest Rejection Seawater RO Elements                                    | AC Series       |
| AD Series       | AD-400, 34          | Standard Seawater RO Elements   | AD Series       |
| AE Series       | AE-400, 34          | Low Energy Seawater RO Elements   | AE Series       |
| AG LE H Series  | AG-400 LE H         | Premium AG Low Energy Elements  | AG LE H Series  |
| AG HR LF Series | AG-400 LF,34        | Low Fouling Brackish Water RO Elements                                    | AG HR LF Series |
| AK LE Series    | AK-400 LE, 34       | Brackish Water RO AK Elements with Lower Energy                           | AK LE Series    |
| AL Series       | AL-400              | Brackish Water RO Ultra Low Energy High Rejection Elements                | AL Series       |
| AP Series       | AP-400              | Brackish Water RO Ultra Low Energy Elements                               | AP Series       |
| BEV RO Series   | BEV-RO-CG           | Beverage Industry Sanitary Design Elements (Including Low Energy Options) | BEV RO Series   |
| HL Series       | HL8040F-400         | Water Softening, Color or THM Precursor Removal Nanofiltration Elements   | HL Series       |

<sup>\*</sup> Various size elements (such as 8040 with 440 ft², 4040 or 2540 size designation) are available in the majority of product categories



Veolia Water Technologies
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