



# MATRIX™

## PTFE Disc Membrane Technology

### Material Features

- Premium thermoset polyurethane for stability and long membrane life
- Fully PTFE impregnated polyurethane guaranteed to never wear off
- Proven energy savings over life of membrane
- Provides membrane protection for outside (water side), and slit perforations.
- PTFE Matrix™ Reduces organic and inorganic fouling
- Long-term performance



### Matrix 9" & 12" Membrane

<b>Hardness (ASTM D2240)</b>	Shore A	74 +/-5
<b>Specific Gravity, (ASTM D792)</b>	g/cm <sup>3</sup>	<1.21
<b>Tensile Strength, (ASTM D412)</b>	psi	>1800
	MPa	>12.4
<b>Tensile Modulus, @100% elongation</b>	psi	>500
	MPa	>3.45
<b>Tensile Modulus, @300% elongation</b>	psi	>1200
	MPa	>8.27
<b>Ultimate Elongation</b>		>350%
<b>Tear Strength</b>	lb <sub>i</sub> /in	>60
	kN/m	>10.5

