



Meet Your Filtration Needs Is Our Goal.

**Model: SEG-UF-7647.5**  
**E-Coat Ultrafiltration Membrane Element**

**PRODUCT DESCRIPTION**

<b>Membrane Chemistry:</b>	Polyvinylidene Fluoride (PVDF)
<b>Backing Material:</b>	Polyester
<b>Permeate Tube:</b> □	Unplasticized Polyvinyl Chloride (UPVC)
<b>Seal Carrier:</b>	ABS Plastic
<b>Brine Seal:</b>	EPDM
<b>Construction:</b>	Spiral wound element with fiberglass outerwrap

**SPECIFICATION**

Model	Diameter (in) (mm)	Overall Length (in) (mm)	Active Area (ft <sup>2</sup> ) (m <sup>2</sup> )
SEG-UF-7647.5	7.45 (189.2)	47.5 (1206.0)	230 (21.37)

Replacements: Synder V62-7647.5HB  
 Consult Process Engineering Group for specific information.

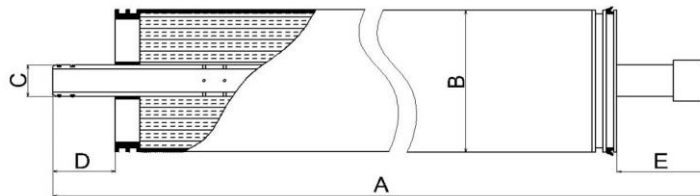
**OPERATION SPECIFICATIONS**

<b>Maximum Inlet Pressure:</b>	65 psi (4.4 bar)
<b>Recommended Inlet Pressure:</b>	44-60 psi (3.0-4.1 bar)
<b>Recommended Outlet Pressure:</b>	15-40 psi (1.0-2.7 bar)
<b>Maximum Operating Temperature:</b>	122°F (50°C)
<b>Allowable pH – Continuous Operation:</b>	2.0-10.0
<b>Allowable pH – Short Term Cleaning:</b>	2.0-11.5@50°C, 30min

**DESIGN PARAMETERS**

<b>Feed:</b>	65-80 gpm (246-303 lpm)
<b>Permeate Flow on Fresh Lab Paint Baths</b>	2.8-4.5 gpm (10.6-17 lpm)

**DIMENSIONS**



Model	A inches (mm)	B inches (mm)	C inches (mm)
SEG-UF-7647.5	47.5 (1206.0)	7.45 (189.2)	1.66 (42.2)
	D inches (mm)	E inches (mm)	
	3.0 (76.2)	4.50 (114.3)	