

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 5651.5 -SEG

➤ **APPLICATION** Electrocoating paints recover in automobile, other industries

PRODUCT DESCRIPTION	Membrane Chemistry:		Polyvinylidene Fluoride (PVDF)	
	Backing Material:		Polyester	
	Permeate Tube:		Unplasticized Polyvinyl Chloride (UPVC)	
	Seal Carrier:		ABS Plastic	
	Brine Seal:		EPDM	
	Construction:		Spiral wound element with fiberglass outerwrap	
SPECIFICATION	Model	Diameter (in) (mm)	Overall Length (in) (mm)	Active Area (ft²) (m²)
	SEG-UF-5651.5	5.6 (142.2)	51.375 (1304.9)	156 (14.5)
Replacements: Synder V		52-5651.5H Engineering Group for specific information.		
OPERATION SPECIFICATIONS	Maximum Inlet Pressure:			65 psi (4.4 bar)
	Recommended Inlet Pressure:			44-60 psi (3.0-4.1 bar)
	Recommended Outlet Pressure:			15-40 psi (1.0-2.7 bar)
	Maximum Operating Temperature:			122° F (50° C)
	Allowable pH – Continuous Operation:			2.0-10.0
DESIGN PARAMETERS	Feed:			37-45 gpm (140-170 lpm)
	Permeate Flow on Fresh Lab Paint Baths			1.5-2.0 gpm (5.7-7.6 lpm)

DIMENSUONS:	Model	A	B	C	D	E
	SEG-UF-5651.5	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)
		51.375 (1304.9)	5.60 (142.2)	1.66 (42.2)	3.0 (76.2)	8.375 (212.7)

