

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 5640-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 (ft ²) (m ²)
	SEG-UF-5640	5.5 (140)	40 (1016)	156 (14.5)
Replacements: Synder V62-5640H; Parker EP564 Consult Process 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		
	Allowable pH – Short Term Cleaning:	2.0-11.5@50°C 30min		
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
	KM-UF 5640-SEG	inches (mm)	inches (mm)	inches (mm)
		40.0 (1016)	5.5 (140)	1.285 (32.6)

