

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 7640-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 outer wrap	
SPECIFICATION	Model	Diameter (in) (mm)	Overall Length (in) (mm)	Active Area (ft²) (m²)
	KM-UF 7640-SEG	7.5 (190)	40 (1016)	280 (26.0)
Replacements:				
Synder: V62-7640H; AMI:M U7640VDF-D200; PTI: EP76040-BS01-H6, EP7640-BS01-H7-HL				
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:		63-77 gpm (238-291 lpm)	
	Permeate Flow on Fresh Lab Paint Baths		2.4-4.0 gpm (9.1-15.1 lpm)	

DIMENSUONS:

Model	A	B	C
KM-UF 7640-SEG	inches (mm)	inches (mm)	inches (mm)
	40.0 (1016)	7.5 (190)	1.285 (32.6)

