

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 7647.5 -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-7647.5	7.28 (185)	47.5 (1206.0)	230 (21.37)
	Replacements: Synder V	52-7647.5H; AMT E Engineering Group formation.	DUF-7647.5-HE; AMF EDUF-7647.5-HE	
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:			65-80 gpm (246-303 lpm)
	Permeate Flow on Fresh Lab Paint Baths			2.8-4.5 gpm (10.6-17 lpm)

DIMENSUONS:	Model	A	B	C	D	E
	SEG-UF-7647.5	inches (mm) 47.5 (1206.0)	inches (mm) 3.0 (76.2)	inches (mm) 7.28 (185.0)	inches (mm) 4.50 (114.3)	inches (mm) 1.66 (42.2)

