

APPLIED BIOMIMETIC

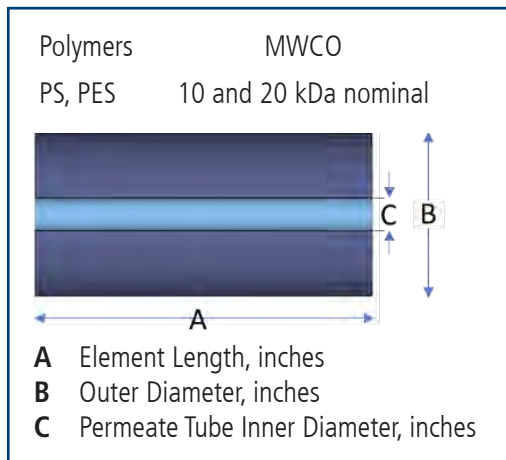
DairySep™ Ultrafiltration Elements

The DairySep™ membranes have a narrow pore size distribution, which yields greater selectivity and passage of non-protein solids.

AB element fluxes are 30-50% higher than competing elements in whey and skim streams because of the high porosity and uniformity of the membrane selective layer.



AB DairySep™ Membranes



Operating Conditions

Typical Operating Press.	2-6 bar
Max. Operating Pressure	7 bar
CIP pH Range	2 to 11
Max. Free Chlorine	200 ppm
Max CIP Temp.	55 C
Max Operating Temp.	30 C
"Clean Water Flux (2 bar, 23 C)"	180 LMH
Typical Operating Flux	10 to 25 LMH
Max. Press. Drop (per element)	20 psi

Element Model Number	Product Dimensions			Feed Spacer Thickness (mil)
	A	B	C	
DairySep UF PS10-3838-31	38	3.8	0.83	31
DairySep UF PS10-3838-46	38	3.8	0.83	46
DairySep UF PS10-3838-65	38	3.8	0.83	65
DairySep UF PS10-6338-31	38	6.3	1.139	31
DairySep UF PS10-6338-46	38	6.3	1.139	46
DairySep UF PS10-6338-65	38	6.3	1.139	65
DairySep UF PS10-6438-31	38	6.4	1.139	31
DairySep UF PS10-6438-46	38	6.4	1.139	46
DairySep UF PS10-6438-65	38	6.4	1.139	65
DairySep UF PS10-7838-31	38	7.8	1.139	31
DairySep UF PS10-7838-46	38	7.8	1.139	46
DairySep UF PS10-7838-65	38	7.8	1.139	65
DairySep UF PS10-8338-31	38	8.3	1.139	31
DairySep UF PS10-8338-46	38	8.3	1.139	46
DairySep UF PS10-8338-65	38	8.3	1.139	65

Other configurations are available upon request

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