

ELEMENT PRODUCTS SUMMARY

High Performance Membrane Element Products

Sepro manufactures membrane and element products with a wide range of performance characteristics. A variety of backing materials and element constructions provides products customized to specific applications. If an application is not adequately covered by the elements below, please contact Sepro for assistance.

SEPRO PROVIDES:

- Robust materials and construction for long life.
- All components meet FDA requirements for repeated-use food contact.
- USDA accepted and other specialized constructions available.
- A variety of backings is available on all UF/MF membranes.
- Multiple feed spacer thicknesses and configurations are provided to meet application-specific requirements.

ELEMENT DIMENSIONS AND MEMBRANE AREAS

MODEL	DIMENSIONS		FEED SPACER vs AREA			
	DIAMETER (in)	LENGTH (in)	31 mil (ft ²)	46 mil (ft ²)	65 mil (ft ²)	80 mil (ft ²)
1812	1.8	12	3.6	2.9	2.2	1.8
2012	2.0	12	3.6	2.9	2.2	1.8
2514	2.5	14	6	4.8	3.7	3
2540	2.5	40	16	13	10	8
3833	3.8	33	65	52	39	32
3838.75	3.8	38.75	76	61	45	37
3838	3.8	38	75	60	45	37
3840	3.8	40	75	60	45	37
4038	4.0	38	80	65	50	40
4040	4.0	40	80	65	50	40
4338	4.3	38	90	75	52	42
4340	4.3	40	90	75	52	42
6338	6.3	38	205	165	125	100
8038	8.0	38	310	260	210	170
8040	8.0	40	310	260	210	170
8338	8.3	38	350	280	230	180
8340	8.3	40	350	280	230	180

*Membrane area calculation based on use of 12 mil tricot permeate carrier.



CONSTRUCTION OPTIONS

PERMEATE TUBE MATERIAL	ADHESIVE	FEED SPACER	OUTER WRAP	SPECIAL CONSTRUCTION
<ul style="list-style-type: none"> • ABS • CPVC • Polysulfone • 304SS 	<ul style="list-style-type: none"> • Urethane • Epoxy 	<ul style="list-style-type: none"> • Diamond Pattern (26, 31, 34, 46, 65, 80, 100 mil) • Parallel Pattern (34, 47, 120 mil) • Open Channel (70 mil) 	<ul style="list-style-type: none"> • Sanitary/Net • Fiber Reinforced Plastic (FRP) • Net over FRP 	<ul style="list-style-type: none"> • High Pressure • High Temperature • Custom Configuration

Note: Sepro's membrane products are not designed to be sterilized or disinfected.