

MEMBRANE MATERIAL COMPARISON

EXCELLENT - ● ● ●
 GOOD - ● ●
 FAIR - ●

	PAN (Polyacrylonitrile)	PES (Polyethersulfone)	PVDF (Polyvinylidene flouride)
FOULING RESISTANCE / HYDROPHILICITY	● ● ●	● ●	●
MEMBRANE COST	LOW	MID-RANGE	HIGH
OIL TOLERANCE	● ● ●	●	●
FLUX PERFORMANCE	● ● ●	● ● ●	● ●
PORE SIZE DISTRIBUTION / SELECTIVITY	● ●	● ● ●	● ●
TEMPERATURE RESISTANCE	●	● ● ●	● ●
CHEMICAL RESISTANCE	●	● ●	● ● ●
TENSIL STRESS	● ●	● ●	● ●
MAXIMUM ELONGATION	● ●	● ●	● ● ●
ACCEPTANCE FOR POTABLE WATER FILTRATION	●	● ● ●	● ● ●