

MATERIAL	HEAT DEFLECTION TEMPERATURE PER ASTM-D648	MAXIMUM CONTINUOUS OPERATING TEMPERATURE ¹ Counterflow Film Fills	MAXIMUM CONTINUOUS OPERATING TEMPERATURE ² Crossflow Film Fills
PVC	160°F @ 264 psi (71°C @ 1820 kPa)	140°F (60°C)	120°F (49°C)
HPVC	178°F @ 264 psi (81°C @ 1820 kPa)	150°F (66°C)	130°F (54°C)
Polypropylene (MA Products Only)	225°F @ 66psi (107°C @ 455 kPa)	175°F (80°C)	N/A
Stainless Steel (see note below)	N/A	500°F (260°C)	N/A

Under normal operating loads with appropriate support, fill modules will suffer no ill effects when operated continuously at or below this temperature.

¹Temperature excursions of up to 15°F (8°C) above the maximum continuous operating temperature can be tolerated if kept to 2 hours or less if supported per Brentwood recommendations.

²Temperature excursions of up to 5°F (3°C) above the maximum continuous operating temperature can be tolerated if kept to 1 hour or less if supported per Brentwood recommendations.

Note for stainless steel material: Welding and cold working stainless steel alloys can cause a phenomenon called “sensitization” which causes the material to be more susceptible to corrosion at temperatures at or above the limit noted above.