

Autoclaving the non gamma-irradiated Microbox

Preferred procedure:

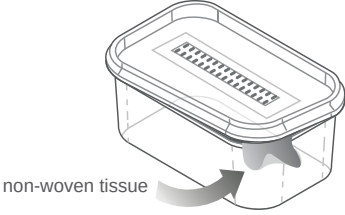
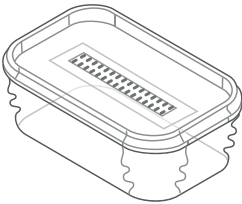
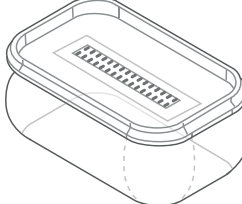
Autoclave containers and medium separately so polypropylene containers hold their shape and can be re-used a number of times.

- 1 Pack stacked containers and covers separately in an autoclavable bag (optional: when stacking the containers, put a piece of tissue between the boxes for easy separation after autoclavation)
- 2 Autoclave containers and covers
- 3 Unwrap containers and covers in sterile conditions
- 4 Fill containers with warm sterilized medium under LAF (Laminar Air Flow)
- 5 Carefully snap cover around entire rim to securely close, be careful: containers are flexible and soft when warm
- 6 Store containers with medium in a clean area

Alternative procedure:

Autoclave containers filled with medium

- 1 Fill the containers with medium
- 2 Place a piece of non-woven tissue on one edge of each container before loosely closing lids, allowing for vapor to enter the Microbox during autoclaving
- 3 If condensation is a problem, cover lids loosely with aluminum foil to prevent filters from getting wet
- 4 Put containers in autoclave
- 5 Slowly build up pressure to prevent lids from closing
- 6 After sterilization, slowly reduce the pressure in the autoclave and remove container
- 7 Remove non-woven tissue and carefully snap cover around entire rim to securely close
- 8 Allow filter to dry completely
- 9 Store containers with medium in a clean area

Corner of lid left open: no deformation	Hermetically-sealed lid: containers distort with pressure changes	
		
gas has free passage	quick pressure increase	quick pressure reduction

Please watch the videos on how to autoclave the microbox here: www.saco2.com/microbox-videos/