

Autoclaving the Spinner Flasks, they should be Autoclaved at 121 Degrees Celsius @ 15psi.

For at least 45 minutes or depending on your labs protocol. They can be Autoclaved in an Autoclave Bag or as they are making sure that the caps are not put on tight. Tighten them down and then back off about a half turn so that they are loose. This is important so as to protect the vessel and caps from any potential vacuum that will form during the cool down cycle causing the caps to crack and also to keep the vessel slightly vented. You may also wish to cover the caps with foil which aids in protecting the caps life expectancy. The impeller, caps and vessel are all autoclavable. Caps are polypropylene, Impeller is Teflon and glass is Type 1 borosilicate glass.

After vessel has cooled down be sure to tighten caps inside the hood/clean room so as to prevent any contamination from the external environment.