



A unique innovation – preventing contamination

Meet the Safe-Cone Filters – a unique safety innovation introduced by Biohit. They offer an added advantage in preventing contamination of both the pipette and the sample, thus prolonging the service life of the pipette. Biohit Safe-Cone Filters act as an alternative barrier to provide added protection because the filter prevents liquids from entering the internal mechanism of the pipette. Other safety improving products are the Biohit Proline Biocontrol Decontamination solution and pipette stands. Cleanliness is safety, as we say in Biohit.



Biohit Safe-Cone Filters – an alternative to filter tips

Biohit Safe-Cone Filters

These unique and replaceable filters act as a final barrier to prevent any fluids and liquid vapours from reaching the internal components of the pipette.

The ultimate pipette protectors are available as Safe-Cone Standard and Safe-Cone Plus. It is recommended to use the Standard filter for general applications and the Plus filter for more demanding applications such as radioactive work, cell culture, bacterial and virological work and molecular biology. Standard filters can also be used for this type of work, but they need to be changed more frequently.

For more info, see literature on www.biohit.com and page 86.



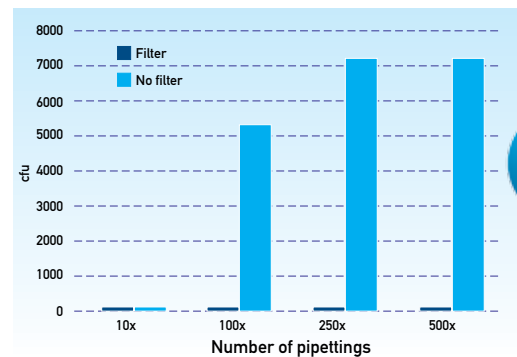
The interval of changing the filter depends completely on the application and the sample. However, according to studies the filter is recommended to be changed daily (after 50 to 250 pipettings) and immediately in case of over-aspiration.

To ensure the safety of the user, forceps should be used to avoid touching the contaminated filters by hand. In addition, the tip cone should be cleaned regularly.



No. of Pipettings	No Filter	Safe-Cone Filter
50	-	-
100	+	-
250	++	-
500	+++	-

+: DNA (50 µl plasmid DNA 120 µg/ml) contamination in pipette barrel.



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Pipette contamination in pipette barrel when pipetting liquid culture of bacteria *Micrococcus Luteus*.

Safe-Cone Filters Biohit pipette compatibility and ordering details

Cat. No.	Description	Qty/Unit	mLINE	Proline Plus	Proline Mechanical	eLINE	Proline Electronic	ePET
721008	Standard ø 2.51 mm PE	50 Filters	725050, 725130, 725230	728050, 728130, 728230, 728535, 728545, 728550	720080, 720020, 722010, 722015, 722020	730340, 730440, 730040		
721007	Standard ø 3.15 mm PE	50 Filters	725060, 725140, 725240	728060, 728140, 728240, 728560	720050, 720070, 722025, 722030	730060, 730360, 730460		
721006	Standard ø 5.33 mm PE	50 Filters	725070	728070, 728565, 728567, 728570	720060, 722035, 722040, 722045	730080, 730100, 730390, 730490	710100, 710020, 710040, 710500, 710800, 710810	71002XET, 71004XET, 71050XET, 71080XET, 71081XET
721005	Standard ø 6.73 mm PE	50 Filters	725080, 725090	728080, 728090, 728575, 728580, 728590	720110, 722050, 722055			
721014	Standard ø 1.83 mm PP	50 Filters	725030	728030, 728530	720120, 720130, 720220, 720240, 720320, 720340		710410, 710420, 710210, 710220, 710310, 710320	71021XET, 71022XET, 71031XET, 71032XET
721018	Plus ø 2.51 mm PE	50 Filters	725130, 725230, 725050	728050, 728130, 728230, 728535, 728545, 728550	720080, 720020, 722010, 722015, 722020	730340, 730440, 730040		
721017	Plus ø 3.15 mm PE	50 Filters	725060, 725140, 725240	728060, 728140, 728240, 728560	720050, 720070, 722025, 722030	730060, 730360, 730460		
721016	Plus ø 5.33 mm PE	50 Filters	725070	728070, 728565, 728567, 728570	720060, 722035, 722040, 722045	730080, 730100, 730390, 730490	710100, 710020, 710040, 710500, 710800, 710810	71002XET, 71004XET, 71050XET, 71080XET, 71081XET
721015	Plus ø 6.73 mm PE	50 Filters	725080, 725090	728080, 728090, 728575, 728580, 728590	720110, 722050, 722055			

PP=polypropylene
PE=polyethylene