

pharma process



Vats continues a 15-year tradition of innovative, cost effective solutions to challenging filtration applications with "bonflow". Vats' bonflow is rigid (non-compressible) resin bonded filter cartridge available in nominal and absolute rating for most appropriate "Techno-Economic Filtration" solution. After in depth study of various applications, vats had developed bonflow filter elements to suit the various applications

- Utility water
- Process water
- Bulk drug / fine filtration
- Formulation filtration
- Inject able filtration
- Intra Veinus (IV)
- WFI
- Solvent filtration
- Activated Carbon Filtration
- Substitute to Sparkler/ pad filtration
- High temperature application 100°C
- WFI circulation
- Many more

Key Feature

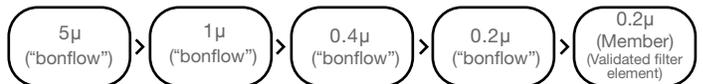
- Consistent Performance
- Rigid filters
- Pharma grade
- Steam sterilizable
- Graded density
- High efficiency " β ratio"
- High dirt holding capacity

For majority of pharmaceutical process application like injectable, IV, WFI, etc. imported membrane cartridges or flat sheet membranes are used in series.

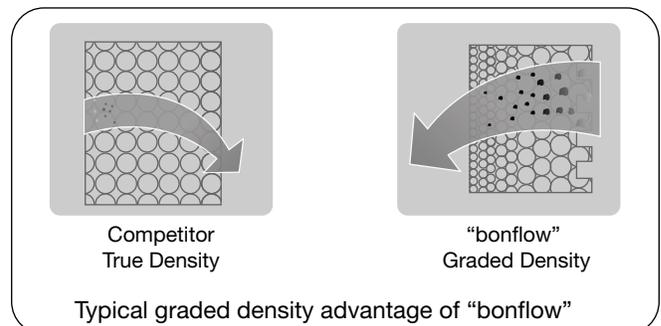
Typically it is



The innovative cost effective, technical solution for pharmaceutical process fluid is to replace with Vats "bonflow" cartridge as pre filter to validated final cartridge such as



This will take care of all the load going on last validated filter so as to increase the life of costly validated filters. If all above is implemented efficiently it is possible for more than 50 % saving on filtration cost keeping all the quality parameters same. The main advantage goes for small batches which has capacity limitation of say 100 lit. The same system with vats bonflow pre filtration will give an output of say 200 to 300 lit.



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VATS FILTRATION TECHNOLOGIES PVT. LTD.

Initiatives & Solutions for Industries, Globally

(Formerly Known As Vats Micro Fine Filters Pvt. Ltd.)