

## Polymers

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### Main characteristics of synthetic meshes:

Polypropylene: meshes are manufactured in a much smaller range of mesh sizes but have the unique property of being resistant to most acids, alkalis and solvents. However they do have a lower working temperature at 100°C.

Polyethylene: meshes are only available from 255-2000mu and exhibit both a reduced abrasion resistance compared to nylon and polyester and a lower working temperature at up to 90°C. As such it tends to be used for less stringent filtration applications.

PVDC: meshes are only available between 400-1200mu aperture sizes and tend to be used for difficult chemical filtrations. They offer a unique resistance to oxidising chemicals which are damaging to many other synthetic fabrics. They are however rather limited in working temperature to below 80°C.

*Continued...*

**N O R M E S H**

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