



Glass and Quartz Microfiber Filters

Glass microfiber filters are made of 100% borosilicate. No binders are used in their production, which makes them ideal for critical analyses in which impurities can be washed out of the filter. They continue to perform over long periods unlike cellulose filters whose rate of filtration drops off rapidly as the particulate load increases. Moreover, glass microfiber filters are temperature resistant up to 500°C.

The properties of quartz microfiber filters are similar to those of glass microfiber filters. The differences are that quartz microfiber filters are resistant to even higher temperatures of up to 900–950°C, have only a minimum of trace metal impurities, feature excellent weight and dimensional stability, and can be used for analysis of hot, acidic gases (except HF), especially for emission and immission test methods.

Glass and quartz microfiber filters are suitable as general-purpose membrane prefilters for measurement and analysis of air and water pollutants and for clarification of buffers and reagents, especially for spectrophotometry. The filters are available as discs, sheets or thimbles.

Different densities and thicknesses of the materials define the specific filtration characteristics of each of the following grades:

MGA, MGB, MGC, MGD, MGF, T293, 40