

Introduction to Functional Filters (Filter Pads)

This is an introduction to filter pads which make active use of absorption capability.

Features

Ranging 2-4 mm in thickness, and made of such materials that trap a large amount particulates inside.

The thickness allowing efficient capture of particulates inside.

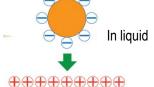


Containing purified cellulose fibers and diatomaceous earth.

Effective surface absorption enabled by the porous quality of diatomaceous earth.

Extra absorption by the charge of zeta potential provided by special processing.

Electric charge contributing to absorption.



Various mixed papers

Other functional powders than diatomaceous earth with a variety of absorption capability can be mixed in.

Silica gel

Used for absorbing moisture, gas, etc.

Activated charcoal

Used in syrups, infusion solutions, etc., for decoloring and deodorizing.

Zeolite

Capable of absorbing metal ions and gas as well as exchanging ions. Functional materials are mixed together with paper fiber to create a sheet.

Acid white clay

A clay material used as a source of activated white clay with various types of absorption capábility and catalytic ability.

Handcrafted samples are available.

We can create an A4-size prototype as a sample mixing your preferred powders. *1 *2

- *1: We may be unable to create some mixtures, depending on the characteristics of the powders.
- *2: Powder cost is negotiable. Contact us for an estimate.
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