



KASRAVAND

FILTRATION TECHNOLOGY

ABOUT US

KASRAVAND is a DESIGN and MANUFACTURING Company with high Engineering and Management competency.

We design & manufacture so many kinds of Filter elements, including GAS FILTERS, LIQUID FILTERS, COALESCING FILTERS, STRAINING FILTERS, ...

We have established ISO 9001:2008 QUALITY management system, PROJECT MANAGEMENT SYSTEM (Based on PMBOK Standard), OHSAS 18001:2007 HEALTH and SAFETY management system and ISO 14001:2004 ENVIRONMENTAL management system to ensure the highest QUALITY STANDARDS are achieved and that all projects are delivered on time to reach our CLIENTS SATISFACTION.

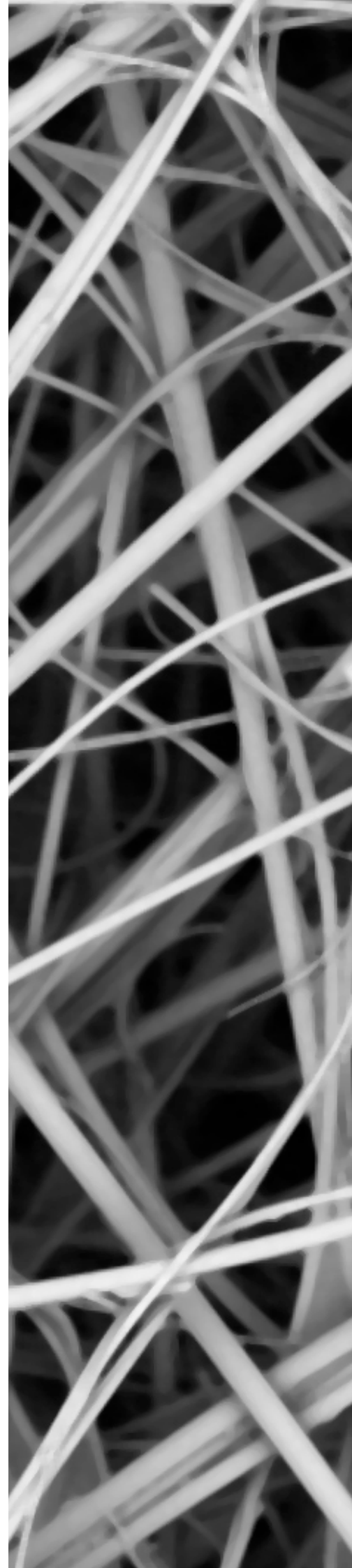
We also have close RELATIONSHIPS and CO-OPERATIONS with INTERNATIONAL and WORLD CLASS COMPANIES and make necessary PARTNERSHIP for special and technically COMPLEX PROJECTS.



WE CREATE IMPOSSIBLE

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Gas Filter Elements

Gas filters remove harmful solid particulates and permanently remove them from a gas stream.

Gas filter elements made by **KASRAVAND** are available in a large variety of configurations of both depth and pleated style technologies. This wide range of medias allow our clients to ensure chemical compatibility as well as optimal performance.

Applications include: Gas pressure reducing and compression stations, petrochemical plants and refineries.



Pleated Style Filter Elements:

Pleated style gas filter cartridges are high surface area & high efficiency filter elements designed for the removal of contaminants in critical gas applications.

They are available in various grades of absolute rated high performance medias with hardware customizable to suit your application.

Gas Filter Elements

Dry gas seal Filter Elements

Multi-layer stainless steel media with metal structure leads to strong body.

Main sintered filtering layer is proper for high efficiency application.



Depth Style Filter Elements:

Through the use of a variety of highly compatible medias in a varying scale of fiber diameters, our graded density depth style designs provide the optimum combination of solid contaminant holding capability.





Gas Coalescing Filter Elements

Large assortment of gas coalescing elements are designed to coalesce and remove submicronic particles, low surface tension aerosols, and other fine mists from air or gas streams.

With absolute ratings down to 0.3 micron, **KASRAVAND** gas coalescing filter elements are laboratory tested giving our clients the comfort they have come to expect.



Two Phase Liquid Separation

Liquid Phase Separation Elements separate and remove undesired free aqueous or non-aqueous droplets from a liquid stream.

Two phase liquid separation products include a large assortment of both coalescing filters as well as liquid separating elements. Filters are available in fiberglass and silicone impregnated cellulose designs as well as synthetic, stainless steel and Teflon materials for use in caustic service.



Two Phase Liquid Separation

Coalescing Phase Coalescing Filter Elements:

Liquid Phase Coalescer Elements are designed to coalesce two immiscible liquid phases within a stream. In addition to liquid coalescing, **KASRAVAND** cartridges are also highly efficient particulate filters.



Separation Phase Filter Elements:

KASRAVAND Industrial Separator Elements incorporate specially treated silicone impregnated cellulose or Teflon® coated stainless steel to produce a hydrophobic media that repels water while allowing hydrocarbons to pass through. Due to the filtration level achieved in the coalescer stage **KASRAVAND** cartridges rarely foul with solids and typically require replacement only every second or third coalescer change to a maximum service.



Liquid Filter Elements

KASRAVAND liquid filter elements provide final filtering solutions for various clients industries and applications.

Our liquid filtering products range from pleated, melt blown and resin bonded technologies, to activated carbon filters, metallic filters and many more.

Pleated Style Filter Elements:

Pleated style liquid filter cartridges are high surface area high efficiency filter elements specifically designed for the removal of contaminants in critical gas applications.

They are available in various grades of absolute rated high performance Medias with hardware customizable to suit your application.



Depth Style Filter Elements:

KASRAVAND depth style liquid filter elements are carefully designed for the removal of contaminants from a liquid stream. Through the use of a variety of highly compatible medias in a varying scale of fiber diameters, our graded density depth style designs provide the optimum combination of flow characteristics and solid contaminant holding capability.

Straining Filter Elements

Basket filter & Wedge wire filters:

These filters are used in variety of oil, gas and petrochemical industry process equipment such as liquid strainers, gas strainers, stone traps, grit traps and other industries such as food and depending on the application material can be nickel based alloys, S.S., Galvanized C.S. and C.S.



Main media of basket filters include perforated sheet, weaving wire mesh and sintered wire mesh.

Wedge wire filter are manufactured by welding of V type wire around rods along filter length which leads to high strength and also makes it easy to clean and back wash.



Air Filters

PRE FILTER:

- Proper for large air flow
- Increase life cycle of main filters.



HEPA Filters:

- High efficiency commercial and industrial applications.(95% to 99.99% based on a .30 micron size particle)
- Metal frames proper for large air flow
- Micro Fiber glass media suitable for humid air flow.
- Available in a wide range of sizes, frame types and header combinations.



Cylindrical & CONICAL :

- Wide pleat depth and inner outer liner
- Used for process related ventilation systems.
- Variety of custom media provides excellent filtration and capture of fine particulate.
- Large air flow
- High efficiency



Air Filters

Extended surface non-supported bag filter:

Extended surface non-supported bag filters are designed for use in air filtration systems and equipment where medium to high efficiency filtration is required.

Available in a wide variety of standard sizes, face dimensions, pocket number and depth,

Rigid construction, extended surface and long service life are features and benefits of this product.



Bag Filters

Bag filters are used in removing suspended matter and sediment from fluid where low or moderate flow particulate removal is needed.

We manufacture bag filters of different sizes and volumes.

They are easy to service and maintain.





Head Office: Unit 63, Sadaf Tower, Shaikh Bahaei Sq., North Shaikh Bahaei Ave,
Molasadra St., Tehran, Iran.

Telefax: +98 21 88606251-2

Factory: No 11, Golbarg 11 St., Narenjestan Blvd., ShamsAbad Industrial Park
35th Km Tehran - Qom Highway, Tehran, Iran.

Telefax: +98 21 56233225 - 6

WWW.KASRAVAND.COM