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Who We Are?

We are one of the pioneered and leading manufacturers & exporters in the field of filter paper, cellulose paper, and polyester paper industry. We belong to the SRI SAI RAMA group, a pioneer in Cotton Linter, based in the Telangana State of India. V-kards is vastly experienced in different Cotton Linters, Cotton pulp businesses. Our leading services have catered to the industrial needs of various pharma, medical, IVD, healthcare centers, food and beverages, textile & paper industries in form of various applications.

Quality Guarantee

At V-Kards Associate, we entrust you with supreme quality of Filter Paper/Pad, Cellulose Paper, and Polyester Paper with high durability, excellent performance, low maintenance, and dimensional accuracy of the products, therefore catering to the diverse industrial requirements. To cater to the national as well as global industrial needs about various pharma, medical, IVD, healthcare centers, food and beverages, textile & paper industries in form of various applications. to be a leading name in providing the finest quality Filter Papers/pads, Cellulose Paper, and Polyester Paper.

Pharmaceutical & Chemical Industry

Our filter paper pads, cellulose paper, and polyester paper are used in various processes according to the compatibility of the product. These filter pads effectively filter the subjected liquids of unwanted impurities.

IVD industry

Our filter papers/pads are used in the production of a kit as one of the component to absorb the leftover liquids or chemicals.

Cellulose Series

Below are some technical details about our wide range of products, its applications as well as the material used in it.

Catalog No	Material	Application	Gram Weight GSM	Thickness (mm)	Porosity (Sec)	Wicking Time (S/4 cm)
VKA10001	Cellulose	Sample Pad for Rapid Test	95 - 105	0.20 - 0.40	1 - 3	21
VKA15001	Cellulose	Sample Pad for Rapid Test	145 - 155	0.20 - 0.40	3 - 5	44
VKA15011	Cellulose Pre Filter	Sample Pad for Rapid Test	80 - 110	0.55 - 0.65	5 - 7	45
VKA20001	Cellulose	Sample Pad for Rapid Test	195 - 205	0.30 - 0.50	5 - 7	67
VKA25001	Cellulose	Sample Pad for Rapid Test	245 - 255	0.50 - 0.60	6 - 8	41
VKA35001	Cellulose	Absorbent Pad for Rapid Test	345 - 355	0.70 - 0.90	9 - 11	32
VKA40001	Cellulose	Absorbent Pad for Rapid Test	395 - 405	0.80 - 1.00	12 - 14	36
VKA50001	Cellulose	Absorbent Pad for Rapid Test	495 - 505	0.90 - 1.10	15 - 17	38
VKA65001	Cellulose	Absorbent Pad for Flow Through Rapid Test	630 - 670	1.40 - 1.60	19 - 23	42
VKA80001	Cellulose	Absorbent Pad for Flow Through Rapid Test	780 - 820	1.90 - 2.10	26 - 31	45

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Oil Industry

These filter paper pads, cellulose paper, and polyester paper are used in the process of oil filtering in Hydraulic, waste, transformer, cooking, crude, vegetable, olive, palm, lube & oil blending processes which eliminates solid particles, dissolved gasses, and dissolved water.

Laboratory Filtration

Our filter papers/pads are the essential part of laboratory filtration to separate the solids and dust particles while filtration of liquid solutions. Low extractable filter grade papers are used for various laboratory techniques.

Food & Beverage Industry

Our filter paper pads, cellulose paper, and polyester paper are used in the beverage for the purification of liquid and Food in the process of purification of some Edible oils, Liquid sugar, food flavorings, candies, syrups, honey, fruit juices, citrus products, salsa, soft drinks, milk & starches are filtered using different grades of filter pads.

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Filter Series

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Qualitative Filter Paper :

Qualitative filter papers are used in applications where routine separation is required to determine and identify materials. V-Kards provides an extensive range of filters to meet your specifications.

VKAFG001- (Grade 1): The most widely used filter paper for routine applications with medium retention and flow rate.

VKAFG002- (Grade 2): This grade is slightly more retentive and absorbent than Grade 1 with an increase in filtration time.

VKAFG003- (Grade 3): This grade is double the thickness of Grade 1 with still finer particle retention and excellent loading capacity; more precipitate can be held without clogging.

VKAFG004- (Grade 4): This grade is Extremely fast filtering with excellent retention of coarse particles and gelatinous precipitates such as ferric hydroxide and aluminum hydroxide.

VKAFG005- (Grade 5): This grade is Capable of retaining the fine precipitates encountered in chemical analysis.

VKAFG006- (Grade 6): This grade is twice as fast as Grade 5 with similar fine particle retention. Often specified for boiler water analysis applications.

Below are some technical details about our products.

Catalog No	Typical particle retention in liquid (µm)	Filtration speed (approx) herzberg (s)	Wet Burst Strength	Loading Capacity	Nominal thickness (µm)	Nominal basis weight (g/m ²)	Nominal ash content (%)
VKAFG001	10 ± 1	-	-	-	180	85 ± 5%	0.06
VKAFG002	8 ± 1	-	-	-	190	97 ± 5%	0.06
VKAFG003	6 ± 1	-	-	-	390	185 ± 5%	0.06
VKAFG004	25 ± 1	-	-	-	210	92 ± 5%	0.06
VKAFG005	25 ± 1	1700	30 ± 5%	Low	160	80 ± 5%	0.06
VKAFG006	3 ± 1	-	-	-	180	100 ± 5%	0.15

Quantitative Filter Paper :

Quantitative Filter Papers are used for quantitative and gravimetric analyses where the precipitate is to be recovered, as well as for pressure or vacuum filtration.

VKAFG011- (Grade 11): This grade is used for coarse and voluminous precipitates such as iron - aluminum - and chromium hydroxide or Si determination in steel and pig iron analysis.

VKAFG040- (Grade 40): This grade is used as general-purpose ashless filter paper with medium speed and retention.

VKAFG041- (Grade 41): This grade is the fastest ashless filter paper, recommended for analytical procedures involving coarse particles or gelatinous precipitates.

VKAFG042- (Grade 42): A world standard for critical gravimetric analysis with the finest particle retention of all filter papers.

VKAFG043- (Grade 43): It has retention between VKAFG040 and VKAFG041, and is twice as fast as VKAFG040.

VKAFG044- (Grade 44): Thin version of VKAFG042 retaining very fine particles but with lower ash weight and nearly twice the flow rate of VKAFG042.

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Quantitative Filter Paper :

Below are some technical details about our products.

Catalog No	Typical particle retention in liquid (µm)	Filtration speed (approx) herzberg (s)	Wet Burst Strength	Loading Capacity	Nominal thickness (µm)	Nominal basis weight (g/m ²)	Nominal ash content (%)
VKAFG011	21 ± 1	50	105 ± 5%	High	500	130 ± 5%	0.15
VKAFG040	7 ± 1	390	22 ± 5%	Medium	180	86 ± 5%	0.01
VKAFG041	15 ± 1	62	22 ± 5%	High	200	84 ± 5%	0.01
VKAFG042	2.5 ± 1	1760	20 ± 5%	Low	180	100 ± 5%	0.01
VKAFG043	16 ± 1	155	22 ± 5%	Medium to High	220	95 ± 5%	0.01
VKAFG044	3 ± 1	995	22 ± 5%	Slow to Medium	180	80 ± 5%	0.01

Polyester Series

Polyester is a synthetic material that is used in various consumer and industrial applications. Polyester Pads are one of the main components in Rapid Immunoassay. These can perform multiple tasks, the most important of which is the uniform transfer of detection reagents and test samples to the membrane in the Lateral flow tests (Rapid Test). When the sample flows into the Polyester pad, the detection reagent dissolves, lifts the pad material, and moves into the membrane together with the sample.

The important functions of these pads are to deliver the test agent particles as a constant volume of sample on each test strip to the membrane.

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Catalog No	Material	Application	Type	Gram Weight	Thickness(mm)	Porosity (Sec)	Wicking Time (S/4 cm)
VKACP02	Polyester	Conjugate Pad for Rapid Test	Hydrophobic	30 - 35	0.12 - 0.14		
VKACP03	Polyester	Conjugate Pad for Rapid Test	Hydrophobic	90 - 100	0.42 - 0.46		
VKACP05	Polyester	Conjugate Pad for Rapid Test	Hydrophobic	95 - 115	0.38 - 0.42		24 ± 15

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