

FILTRATION FOR:

PAINTS
INKS
AUTOMOTIVE COATINGS
MARINE COATINGS
INDUSTRIAL COATINGS
COMMERCIAL COATINGS
RESIDENTIAL COATINGS
RESINS
POLYMERS
CHEMICAL ADDITIVES
PHENOLS
URETHANES
SURFACTANTS
ANTI-CORROSIVES
ANTIFOULANTS
RHEOLOGY MODIFIERS
SOLVENTS
AQUEOUS CHEMICALS
SEALANTS
ADHESIVES
PAINTING
COATING
ELECTROPOLISHING
PICKLING
PHOSPHATE TREATMENT
PASSIVATING
RINSING
SURFACE PREPARATION
RINSING SOLUTIONS
PROCESS WATER
COOLING WATER
WASTE WATER

COATINGS | RESINS | PAINTS | INKS

THE RIGHT COMPANY

The Strainrite Companies is ranked in the top 2 of liquid filter bag manufacturers and is a leading supplier of filters to manufacturers of coatings, resins, paints, inks and related industries.

We are also experienced in working with automotive, parts, and appliance manufacturers, surface treatment companies, printers and others who use these coating, resin, paint and ink products every day.

We operate over 80,000 sq ft of manufacturing space and are ISO 9001:2015 certified.

We are "silicone free" and all of our operations personnel undergo crater awareness training.

THE RIGHT TECHNOLOGY

The Strainrite Companies produce our own filter felt in order to maintain exquisite control over every critical parameter in the filter medium manufacturing process and to tightly control quality and consistency.

We also design filters fit-for purpose – whether for paints, inks, high viscosity resins, coatings, pigmented inks, or dye-based inks.

We are experienced at removing contaminants while letting pigments through, and we operate a silicone-free manufacturing environment.

We offer a line of thermally-welded filters without sewn seams – this results in a more reliable, more consistent filter product.

We offer a range of materials including nylon, polypropylene, glass, polyester and many others in order to provide compatibility with both solvent and aqueous systems alike.

THE RIGHT EXPERIENCE

At The Strainrite Companies, we serve most of the leading coatings and ink producers around the world, and many of the leading OEMs. We supply liquid filter bags and filter cartridges to customers in over 40 countries worldwide. We rank in the top two in the U.S. market for liquid filter bags.

Our technical team can assist you in selecting the right filter and optimizing your process to achieve the correct degree of filtration, maximize yields, minimize filter usage, increase throughput, and reduce filter change-out labor.

We have many designed-for-purpose filters that have proved efficacious in the coatings, resins, paints and ink industries.

In addition, our development team has assisted numerous customers in the coatings and inks industries with filters for unique and difficult-to-filter fluids.

Service Locations

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The STRAINRITE Companies | World Class Filtration

Clarity

MADD MAXX

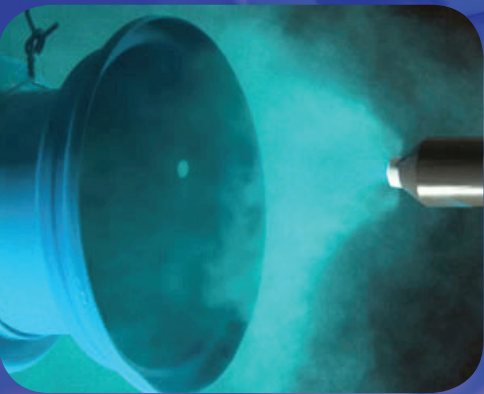
FILTER BAGS

Vessels & Housing



THE STRAINRITE COMPANIES

Designing and Manufacturing
Leading-edge Filtration
Products Since 1978.



THE CLASSIC & SURE WELD FELT BAGS

• PAINTS • RESINS • COATINGS • ADHESIVES • CATHODIC DIP • RINSE SOLUTIONS •



Combining our technically advanced converting process that creates the industry's most reliable media with our ultrasonic welding technology, the Sure-Weld felt filter bag provides a distinct advantage

compared to conventional sewn filter bags. Using state-of-the-art welding technology specifically designed to bond needle punched textile fabrics, we are able to offer the strongest most reliable welded filter bags on the market.



Sure-Weld

X-TRA LIFE (POXL, PEXL) BAGS

• E-COAT • PAINTS • COATINGS • RINSE WATER •



POXL

stronger, more reliable product, and eliminating the need for thread.

The Strainrite Filter companies manufactures it's own felt filter medium in order to assure consistent performance, optimal removal of contaminants, and maximum transmission of valuable ingredients such as pigments. X-TRA Life Filter Bags utilize state-of-the-art needling technology providing outstanding filtration performance in a variety of applications. Our polyester and polypropylene X-TRA Life materials utilize a proprietary fiber blend configuration to create a media that is heavier, thicker and stronger than standard felted media. This formulation delivers enhanced efficiencies, without increasing initial differential pressure. We employ our Sure Weld technology to eliminate sewn seams, assuring a



MONOFILAMENT MESH FILTER BAGS

• BASE COAT • TOP COAT • PAINTS • RESINS • SOLVENT BASED CHEMICALS •



Monofilament Mesh Bag

Available in nylon, polypropylene and polyester, monofilament Mesh Filter Bags are manufactured in a wide range of micron ratings using a single filament weave. Single filament woven media provides two distinct advantages over multifilament media: excellent fabric strength and perfectly uniformed openings. Monofilament Mesh is available in 1 through 800 microns as standard and larger for special orders. For applications where clients require no fiber migration at a high level of efficiency and a sharp particle removal "cut off" to allow transmission of smaller particles or pigments, monofilament material is a perfect fit.

BRB RESINATOR FILTER BAG

• VISCOUS RESINS • COATINGS • ADHESIVES • HIGH TEMPERATURE FLUIDS •

Resinator filter bags employ a non-compressible depth-filter medium in order to provide a filter that holds up to the rigors of high viscosity fluid processes, and provides greatly enhanced solids loading capacity. This product excels in a wide variety of high viscosity fluid filtration applications and where authoritative removal of problematic gels is required.



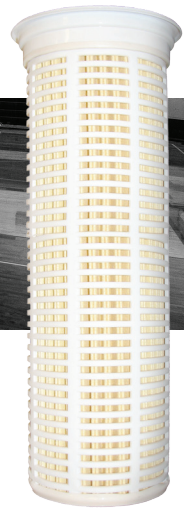
The "Resinator"

VISC-MAXX

• VISCOUS RESINS • COATINGS • ADHESIVES • HIGH TEMPERATURE FLUIDS •



Combining the advantages of resin-bonded cartridges, a noncompressible filter medium, enhanced depth filtration, and the proven inside out flow advantages of bag filtration, makes the VISC-MAXX the optimum alternative to cartridge filtration. A single size P2 VISC-MAXX filter can provide the filtration capacity of 80 typical 10" length resin bonded filter cartridges, with less labor and elimination of fiber migration.



Visc-MAXX

ABSORB-RITE BAGS AND OB OIL BAGS

• PRE-TREATMENT AND RINSING • E-COAT • • PHOSPHATE • DIP TANK FLUIDS •



Absorb-Rite

These oil absorbing products substantially reduce oil and grease from aqueous based liquids. The Absorb-Rite® bag offers a unique two-in-one design that forces the liquid through the entire length of the filter, therefore uniformly utilizing all the absorbant media. The OB Oil Bag offers oil reduction at high flow rates.

OIL ABSORPTION LOG

• DIP TANKS • RINSE TANKS • PHOSPHATE TANKS • OIL BAG AUGMENTATION •

Made from a polypropylene felt microfiber medium, these logs can either be inserted inside a filter bag or can float on top of oil-contaminated drums, vats or dip tanks. The unique design enhances the medium's ability to "wick" free oil and grease from contaminated liquid.



Oil Log

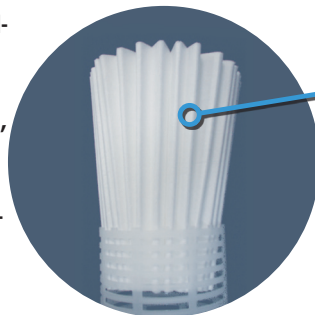
CLARI-MAXX

• COATINGS • PAINTS • RESINS •



Clari-MAXX

Clari-MAXX filters utilize a unique polypropylene depth filter medium comprised of long strand small and large diameter fibers to provide a high solids loading, absolute rated, pleated depth filter. This binder-free depth media is excellent for removing gels and offers more than twice the surface area compared with industry standard non-pleated depth filters. The increased surface area provides higher flow rates at reduced pressure, resulting in increased filter life.



- 5 to 10 times more surface area than standard filter cartridges
- Small Fiber Diameter
- High Void Area

THE AA - ADDED AREA FELT BAG

• PAINTS • COATINGS • CHEMICALS • PROCESS WATER • WASTE WATER •



The AA -Added Area

This remarkable bag filter provides a benefit disproportionate to its added surface area. The AA filter bag offers 65% more surface area and often provides a 200% or more added life and throughput advantage.



MADD-MAXX GF

• FINE CHEMICALS • RESINS • DIP TANK FLUIDS •
• RINSE FLUIDS • PHOSPHATES • WATER •

MADD-MAXX GF filters are engineered for critical high purity applications, optimizing throughput while maintaining an absolute rated performance that is consistent and reliable. Our microglass filter elements feature a media structure with high surface area and increased void volume, as well as optimized pore size geometry.



MADD-MAXX XL

• PAINTS • FINE CHEMICALS • RESINS • DIP TANK FLUIDS •
• RINSE FLUIDS • PHOSPHATES • WATER •

These filters contain a pleated filter medium comprised of fine-fiber polypropylene felt. The increased surface area of these filters offers much higher flow capacity than comparable-length liquid bag filters. These filters reduce filtration costs due to longer element life, increased productivity, and reduced labor.



Madd-MAXX



HIGHER FLOW RATES
GREATER SURFACE AREA
LONGER SERVICE LIFE

REDUCED PROCESSING TIME
LESS DOWNTIME
LOWER OPERATING COSTS



INK-JET IKP, IKS AND IKG

• PIGMENTED INKS • DYE INKS • HIGH VISCOSITY INKS •



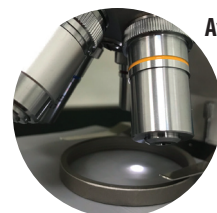
Ink-Jet IKP

The IKP, IKS and IKG are application specific filters optimized for ink jet inks. IKP filters have an all-polypropylene filter medium allowing compatibility with a wide range of inks and allowing maximum transmissions of pigments or dyes. IKS Ink-Jet Select filters feature a graded pore density polypropylene medium that maximizes filter life and performance. IKG filters contain a glass filter medium allowing high flow rates and exceptional removal of problematic gels.



MONOFILAMENT SQUARES AND DISCS

• PAINT AND COATING • QC TESTING • LABORATORY FILTRATION •



Available in nylon, polypropylene and polyester, monofilament mesh filter discs and squares are manufactured in a wide range of micron ratings using a single filament weave and are used for QC testing by paints and coatings manufacturers and by OEMs to assure quality of paint prior to use. Monofilament Mesh is available in 1 through 800 microns as standard and larger for special orders.