



# TRI-CHEM



## FILTER CATALOG



## **The Facility Maintenance Solutions Company**

*Welcome to Tri-Chem Corporation. For over 40 years we have been helping organizations, just like yours, with their toughest facility maintenance problems. Over the years, our company has evolved into specialized divisions; Floor Coating and Sealing, Industrial Maintenance and Tooling and Safety.*

**Tri-Chem Corporation, The Floor Coating and Sealant Company**, is dedicated to manufacturing easy-to-use and application-specific products. We are constantly expanding our line of 100% Solids Epoxy, Rubber Based, Urethane and Acrylic system patches and sealers to meet and exceed our customer's standards and unique applications.

**We challenge you to find a hole or crack we can't patch or a floor we can't seal and coat!**

**Tri-Chem Corporation, The Industrial Cleaning Company**, has been degreasing, emulsifying, sanitizing, and shining facilities and equipment for over 35 years. Thousands of plants have utilized our products and expertise to solve the toughest cleaning problems imaginable.

**Try and find a maintenance problem that we can't solve!**

**Tri-Chem Corporation, The Tooling Company**, helps our clients solve their toughest machining, drilling and cutting jobs. Our line of flash protection and double insulated tooling, year after year, help protect and achieve OSHA compliance for companies just like yours.

**Let's work together to make your facility SAFE!**

**Give us a call.**



## Disposable Fiberglass Panel Filter

*Heavy-duty one piece frame is bonded to industrial grade media with either metal retainer grill or scrim on one side.*



- Available in 1/2", 1" and 2" nominal thicknesses
- Also available in a polyester media version

## Pleated Panel Filter

*Filter offers significantly higher efficiencies, longer life and better dust-holding capacities than conventional flat panel filters.*



- Moisture resistant 100% synthetic media
- Extended surface filters are available in many efficiencies, capacities, and thicknesses
- Premium grade meets the ASHRAE 52.2 MERV 11 standard

## Residential Products & Media

High efficiency replacement media packs for Honeywell, Spaceguard and General air cleaners.

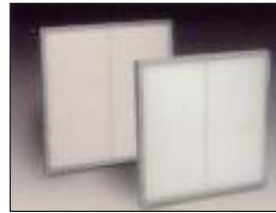


to install

- Proprietary air cleaners cabinet incorporates an attractive beige steel housing and is designed for quick and easy maintenance
- Replacement media packs provide higher efficiency than traditional filters and are easy

## Electrostatic Filters

*Filters will remove up to 90% by weight of common indoor contaminants. No electrical hook-up required and no moving parts.*



- Inexpensive to purchase, use and maintain
- Excellent replacements for low efficiency furnace type filters

## Polyester Media, Rolls and Pads

*Premium commercial and industrial grade media provides extra protection for HVAC coils and equipment*



- Wide Variety of widths, thicknesses, lengths and media grades
- High efficiency media is available in a variety of sizes

## Foam Media, Rolls and Pads

*Washable media stocked in various widths, thicknesses and lengths*



- Standard 1/4", 1/2" and 1" thicknesses
- Available in hog hair and synthetic media
- Rigid media can be cut into any pad size



# FILTERS

## Fiberglass Media, Rolls and Pads

*Complete line of various widths, thicknesses, lengths and media grades*



- Widely used in hammock-style furnaces
- Available in utility rolls and pads

## Paint and Finishing products

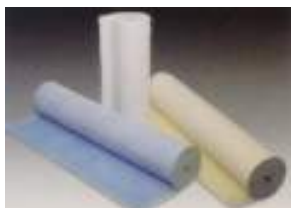
*Expanded paper, synthetic and fiberglass media are designed to collect paint over-spray without face loading and clogging*



- Available in virtually any size
- Wide variety of air intake filters for any paint and spray booth application

## Automatic Roll Filters

*Fiberglass and polyester media are both offered in a variety of grades and styles*



- Heavy-duty paper trailers and leaders are standard for easy installation and disposal
- Standard 45' and 65' lengths
- Universal replacement for all makes and models

## Panels and Links Filter

*High loft synthetic filter media heat-sealed around an internal wire frame*



- Wide variety of media grades, efficiencies and layers
- Available as panels or connected links
- Self-gasketing perimeter
- Rust resistant galvanized wire

## Cube Filters

*These medium efficient synthetic filters offer high dust-holding capacity and a self sealing perimeter*



- Galvanized steel header is optional
- Standard or unitized cube construction

## Pocket Filters

*Extended surface medium & high efficiency bag-type air filters are available in four efficiencies, a wide variety of sizes and pocket configurations*



- Available in fiberglass or synthetic media
- Standard or stiff pocket configurations
- Stitched construction or sonically welded

## Rigid Cell Filters

*Rigid compact design is not affected by variation in air flow. Commonly used in both side access and built-up filter banks*



- Extended surface pleat construction is available in many efficiency ranges with or without a header
- Synthetic and fiberglass media options

## FP Filters

*Compact mini pleat design is only 12" deep, yet large filter surface area (193 sq. ft.) offers extremely long service life, low pressure drop and high dust holding capacity*



- Offered in many efficiencies and sizes
- Filters rated up to 3,000 CFM
- Available in gas phase models
- Can replace bag and box style filters

## Mini-Pleat Filters

*Our 4" deep mini-pleated filter will remove air contaminants such as fine dust, smoke, vapor, soot, pollen and bacteria*



- Extended surface pleat construction is available in many efficiency ranges with or without a header
- Synthetic and fiberglass media options

## ASHRAE Cartridge Filters

*Features include high dust holding, with moisture resistant media and compact 12" depth.*



- Available in three different efficiencies and a wide range of sizes
- Header is standard, high temp models available
- Galvanizes steel frame provides exceptional strength

## ASHRAE Cartridge Filters

*Filters are used when the highest possible degree of air purification is necessary*



- HEPA and ULPA efficiencies available
- Wide variety of sizes and configurations

## HV (High Volume) HEPA Filters

*Extremely rugged compact construction offers 366 sq. ft. of effective filter surface area in a durable frame*



- Pressure drop of 1" w.g. at 2,000 CFM
- Available in HEPA efficiencies (99.97% and 99.99% at 3.0 micron)

## Bio-Safety

*Corrugated aluminum separator designs with sturdy wood or aluminum frames*



- Available in HEPA and ULPA efficiencies
- Sturdy galvanized aluminum or wood frames
- Custom sizes and configurations

## Cleanrooms

*Comprehensive product line includes cleanroom panels, replaceable and ducted modules*



- Available in HEPA and ULPA efficiencies
- Durable extruded aluminum frame
- Gas phase and high efficiency complimentary filters available

## Gas Phase Filters

*We offer a wide variety of gas sorbent products and can custom design a filter to meet your specific needs*



- Products utilize a variety of media types, brands and grades.
- Wide range of sizes, configurations and sorbent levels

## Inner Seal Housing

*Durable housing in a leak proof design can replace most standard filter housings. Designed with a 1 3/8" flange to simplify the mounting to existing ductwork*



- 1", 2" & 4" track options available
- No extra clips or gasketing needed

## Baffle Grease Filters

*Baffles are positioned to eliminate direct passage of flame through filter and to ensure removal of grease*



- Designed for commercial-type kitchens
- Meets NFPA std. 96 and UL

## Washable Metal Filters

*Heavy-duty galvanized steel, aluminum, or stainless steel mesh filters are available in 1/2", 1" and 2" thicknesses*



- Can be used as roughing filters in air handling units or as grease filters in kitchen exhaust installations
- Air and grease applications

## Holding Frames and Clips

*All holding frames are provided with pre-punched mounting holes that are self-aligning for quick and easy assembly*



- All common styles of filter clips are available

Pad holding frames are made of a durable galvanized metal

- Available in 1/2", 1" and 2" thicknesses

## Dust Bags

*Complete line of replacement and custom bags to fit all manufactures bag housings*



- Wide variety of woven and non-woven media for reverse air, shaker, pulse and envelope style dust collectors
- Snap band, corded cuff or

## Pleated Dust Bags and Cartridges

*A variety of media available, such as cellulose/ synthetic blend.*



- Low life cycle cost
- Specialty finishes available
- Variety of caps and end plates

## Power Systems

*Complete line of gas turbine pre-filters, barrier filters and pulse cartridges.*

*Durably built to withstand a variety of demanding power system applications*



- Filters designed for low-pressure drop applications with high dust holding properties

- No rivets, bolts or other metal fastening devices which can damage gas turbine equipment

## Liquid Filter Bags

*Complete line of micron-rated liquid filter bags and media*



- Designed to ensure easy installation, change-out and disposal
- Universal replacements for most leading brands

## Liquid Vessels and Systems

- Code and non-code bag and stainer filter vessels



- Single, duplex, multiple units for flowrates 1 to 45,000 GPM
- User-friendly designs
- Complete line of filter bags



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