

Its Here Now.

MYCELX 

Hydrocarbon Removal Filters



MYCELX 
TECHNOLOGIES CORPORATION

**SUNPRO's MYCELX filters remove the following
from water in ONE pass!**

- Hydrocarbons ranging from heavy oils to gasoline.
- Oil sheen
- Synthetic and Natural Oils
- BTEX
- PCB's
- Chlorinated Solvents
- Organically bound metals

Distributed by SUNPRO Technology

Welded Tube Pros is the Sales Agent to Welded Tube and Cold Rollform market

Welded Tube Pros

16574 Old Chippewa Trail
Doylestown, Ohio 44230

Tel 330-658-7070

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Web Site

www.weldedtubepros.com

MYCELX is a patented polymeric surfactant technology that is used to infuse all MYCELX Technologies products. The MYCELX instantly bonds to hydrocarbons etc. to make them hydrophobic and viscoelastic thus removing them permanently from the water stream. The single pass efficiency through a MYCELX filter cartridge is 99.9% with almost no (@0.5 psi) pressure drop across the cartridge all the way to saturation.

MYCELX Technologies Corporation is the owner of nine process and compound patents for MYCELX, with numerous other patents pending, and has received two Chemical Abstract Services (CAS) numbers (assigned to new molecules) for MYCELX: 173967-80-1 and 173967-81-2.

MYCELX **HRM[™]** (**Hydrocarbon Removal Matrix**) cartridges are designed to remove hydrocarbons ranging from BTEX to crude oil, sheen, chlorinated solvents, PCBs, organic solvents, pesticides & biocides, and organically bound metals from wastewater.

Patented MYCELX technology allows the HRM cartridges to permanently remove the pollutants in a single pass with less than 1 psi of pressure differential (even when saturated).

Some Standard Applications:

- Manhole Effluent
- Tank Farms & Terminals
- Loading Rack Runoff Water
- Bilge/Ballast Water
- Pre & Post Reverse Osmosis, Ultrafiltration, & Ion Exchange
- Removal of Tramp oils from machining fluids and coolants
- Cooling Towers & Heat Exchangers
- Etc.
- Boiler Blowdown
- Platform Runoff
- Plating Baths
- Storm Water
- Compressor Condensate
- Groundwater Remediation
- Parts Washing
- Post OWS Polishing

Q: How does MYCELX work?

A: MYCELX is infused so that it is homogeneously dispersed throughout the base materials. As pollutants come in contact with the MYCELX, they are solubilized into the infused MYCELX coating, making them hydrophobic and thickening them so they will not re-disperse into the solution.

Q: What materials can MYCELX remove from solution?

A: MYCELX is capable of removing organic solvents, organically bound metals, sheen, PCBs, insecticides, oil and grease, chlorinateds, and other C1 through C10+ organics.

Q: How quickly can MYCELX remove contaminants?

A: Typically, MYCELX filters remove the contaminants in a single pass through the filter with 99.9% efficiency.

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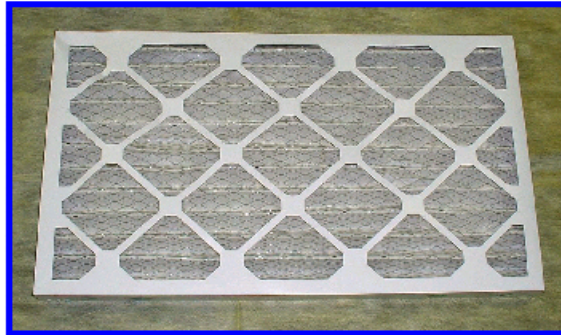
MYCELX
OilArrest

MYCELX 
TECHNOLOGIES CORPORATION

Air Filter Technology

ALL MYCELX PRODUCTS ARE INFUSED WITH OUR PATENTED MYCELX TECHNOLOGY

MYCELX OilArrest™ **Airborne Oil Mist Removal Filters**



OilArrest Technical Data:

Maximum Oil Holding Capacity: 1.32 grams per sq. inch
Construction Material: MYCELX infused polyolefin filter membrane
Efficiency: MERV 7 per ASHRAE 52.2
Moisture and Microbes:
Fibers do not absorb moisture and will not support microbial growth.
Temperature Rating: 180 F Max
UL Rating: Class 2 std. 900
Differential Pressure: Negligible to saturation
Sizes Available: 1" & 2" Pleats - Call Factory for Specific Sizes
Recommended Change Period: 30-60 days

MYCELX *OilArrest* pleated air filters remove airborne oil mists and organic vapors from industrial air handling units. MYCELX *OilArrest* filters allow air filtration devices to function properly by preventing clogging and re-release of oils and other chemicals. *OilArrest* filters will also reduce the transport of Mold, Microbes and particulate matter through air handling units caused by oily & greasy compounds.



MYCELX *OilArrest* Airborne Oil Mist Air Filters:

- Remove oil mist & organic vapors
- Improve indoor air quality
- Protect air filtration systems & equipment
- Reduce energy costs for HVAC
- Eliminate rooftop emissions
- Comply with OSHA oil exposure guidelines
- Eliminate Damage to Air Handling Units
- Solve Indoor Air Quality Problems
- Will Not Release Captured Oil

Made in the USA
PATENTED

MYCELX, The Worldwide Solution For Hydrocarbon Pollution

MYCELX has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

MYCELX is distributed by SUNPRO Technologies, Canton, Ohio
Welded Tube Pros is the sales agent to the Welded Tube and Cold Rollform marketplace.

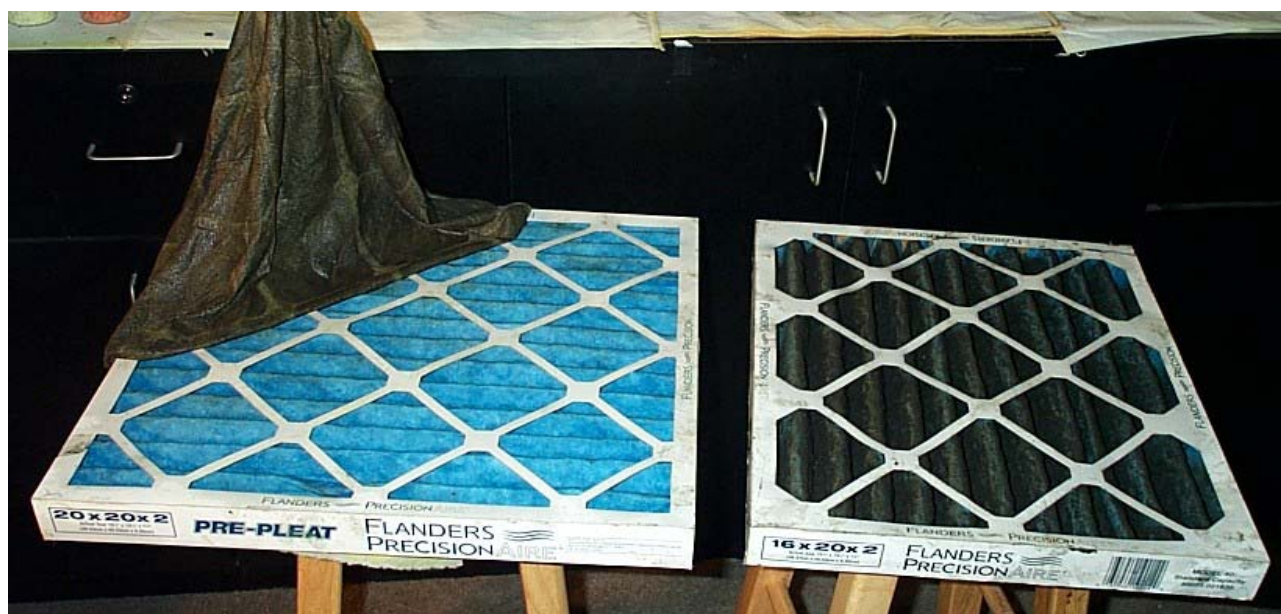
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Recirculated air contaminated by the typical oil mist in manufacturing plants has coated the heat exchanger tube surfaces and rendered this air handler 25% less efficient. An expensive and time consuming cleaning job awaits the maintenance department and will have to be repeated again unless the oil mist problem is solved.



The solution is simple enough. The filter on the left was protected by an MYCELX coated prefilter. The prefilter completely protected the underlying air filter. The filter on the right is plugged and bypassing oil contamination thru to the heat exchanger coils. MYCELX solved the problem!

New MYCELX coated air filter elements are NOW available for direct replacement in air handler applications.

Protect your facility equipment and your employees. Use OilArrest Filters to clean the air mist hydrocarbon pollution from the air.

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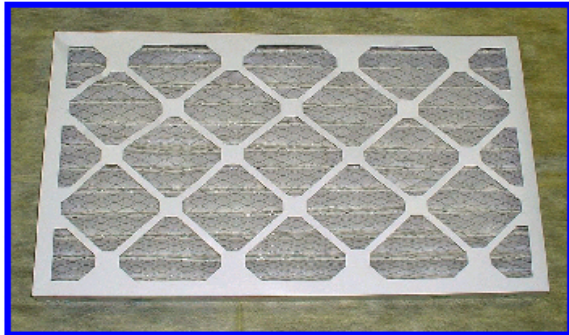
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MYCELX Hydrocarbon Removal Filters



MYCELX
TECHNOLOGIES CORPORATION

MYCELX Stormwater Filtration System protect runoff water discharges



Filter solutions for wastewater, mill coolants and plant air.
MYCELX is distributed by SUNPRO Technologies, Canton, Ohio
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Stamping and Cold Rollform marketplace.

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Perspectives On Contaminant Concentrations:

Something to think about the next time you see an oil spill!

PPM (Parts Per Million): Typically, an abbreviation for milligrams per kilograms, milligrams per liter, and micrograms per cubic meter. This concentration unit is used in soil, oil, water, and air analysis results.

1 PPM is equivalent to:

1 penny in \$10,000
1 teaspoon in 650 gallons
1 ounce in 31.25 tons
1 inch in 15.8 miles

PPB (Parts Per Billion): Typically, an abbreviation for micrograms per kilograms, micrograms per liter, and nanograms per cubic meter. This concentration unit is used in soil, oil, water, and air analysis results.

1 PPB is equivalent to:

1 penny in \$10,000,000
1 teaspoon in 650,000 gallons
1 ounce in 31,250 tons
1 inch in 15,800 miles

µg / 100 cm² (Micrograms Per 100 Square Centimeters): Wipe samples are typically taken for a 100 cm² (4" X 4") area. The analytical value will be reported as a total weight of PCB's (µg or micrograms) in the wipe sample. As an example, according to 52 CFR 10705, the maximum allowable level of contamination for any smooth surface in an unrestricted access area (indoor, less than 0.1 km from residential or commercial property) is 10 µg/ 100 cm². The maximum allowable level of contamination for any smooth surface in a restricted area (outdoor substation, at least 0.1 km from residential or commercial property) is 100 µg/ 100 cm².

1 µg / 100 cm² is equivalent to:

9 fluid ounces evenly distributed over 1 square mile of surface area

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WTP offers MYCELX coated filtration products to REMOVE the hydrocarbon contaminations from wastewater, mill coolant, metal working fluids and air.

**MYCELX is a patented process distributed by SUNPRO Technologies, Canton, Ohio
WTP is the sales agent for SUNPRO products**