

CRYSTOLITE®

NOT JUST A MEDIA. IT'S A
FILTRATION TECHNOLOGY.

REVOLUTIONARY. UNMATCHED. IMPOSSIBLE TO REPLICATE.

★★★★★
**WORLD'S MOST
ADVANCED FILTER MEDIA
ENGINEERED BY
WATCH WATER®**




**CRISTOLITE DOES WHAT
NO OTHER MEDIA CAN
ULTRA FILTRATION
DOWN TO 0.5 MICRONS
IMPOSSIBLE FOR
ANY OTHER MEDIA**

**ULTRA FILTRATION DOWN TO
0.5 MICRONS
IMPOSSIBLE FOR ANY OTHER MEDIA**

SAND

ANTHRACITE

MULTIMEDIA

GARNET

SILICA SAND

**NO SAND. NO ANTHRACITE. NO MULTIMEDIA.
NO OTHER MEDIA CAN ACHIEVE THIS.**

WHY CRISTOLITE IS IN A LEAGUE OF ITS OWN

-  **UNMATCHED FILTRATION PERFORMANCE**
Removes particles down to 0.5 microns with consistent, reliable results.
-  **SUPERIOR DIRT HOLDING CAPACITY**
Highly porous structure traps more contaminants, delivers longer run times.
-  **LOW PRESSURE DROP**
Operates efficiently with lower head loss, saves energy and reduces operating cost.
-  **CHEMICALLY INERT & DURABLE**
Resistant to acids, alkalis, chlorine and oxidation. Will not break down.
-  **SELF STERILIZING SURFACE**
Reduces biofouling and bacterial growth, ensures cleaner, safer water.
-  **LIGHTWEIGHT & EASY TO HANDLE**
Lower backwash water requirement, easy installation and cost effective.
-  **LONGER MEDIA LIFE**
Engineered for longevity, delivers consistent performance for years.

ULTRA FILTRATION DOWN TO 0.5 MICRONS

CONTAMINATED
WATER IN



CRYSTOLITE®
ULTRA FILTRATION
DOWN TO 0.5 MICRONS



ULTRA FILTRATED
WATER OUT





**INTERNAL MICRO-POROUS
STRUCTURE CAPTURES
PARTICLES DOWN TO
0.5 MICRONS**

- ✓ CONSISTENT FILTRATION
- ✓ EXCEPTIONAL CLARITY
- ✓ MAXIMUM PROTECTION
- ✓ LOW MAINTENANCE
- ✓ HIGH RELIABILITY

**NOT A FILTER MEDIA.
A COMPLETE FILTRATION SOLUTION.**

CRYSTOLITE® VS TRADITIONAL MEDIA

FEATURE	CRYSTOLITE®	SAND	ANTHRACITE	MULTIMEDIA
FILTRATION LEVEL	DOWN TO 0.5 MICRONS (ULTRA FILTRATION)	20 - 30 MICRONS	10 - 20 MICRONS	10 - 20 MICRONS
FILTRATION TYPE	DEPTH + SURFACE FILTRATION (ADVANCED TECHNOLOGY)	SURFACE FILTRATION	SURFACE FILTRATION	SURFACE FILTRATION
PRESSURE DROP	VERY LOW	HIGH	HIGH	HIGH
DIRT HOLDING CAPACITY	EXCEPTIONALLY HIGH	LOW	LOW TO MEDIUM	MEDIUM
BACKWASH FREQUENCY	LOW	VERY HIGH	HIGH	HIGH
MEDIA LIFE	VERY LONG	SHORT	SHORT	MEDIUM
ACHIEVABLE CLARITY	CRYSTAL CLEAR	POOR	FAIR	FAIR
CAN ACHIEVE 0.5 MICRONS?	YES - IMPOSSIBLE FOR ANY OTHER MEDIA	NO	NO	NO

- ENGINEERED FOR MULTIPLE APPLICATIONS**
-  PROCESS WATER
 -  WASTEWATER TREATMENT
 -  EFFLUENT POLISHING
 -  DRINKING WATER
 -  COOLING TOWER MAKE-UP
 -  RO MEMBRANE PRE-FILTRATION
 -  BOILER FEED WATER
 -  INDUSTRIAL FILTRATION

THE CRISTOLITE ADVANTAGE

 **DELIVERS
ULTRA CLEAR
WATER**

 **IMPROVES
SYSTEM
EFFICIENCY**

 **PROTECTS
EQUIPMENT
& MEMBRANES**

 **REDUCES
OPERATING
COST**

 **ENSURES
COMPLIANCE &
SAFETY**

 **SUSTAINABLE
& ENVIRONMENT
FRIENDLY**

 **ADVANCED
TECHNOLOGIES**

 **INSTANT
RESULTS**

 **APPLICATION
SPECIFIC DESIGN**

 **GLOBAL
EXPERTISE**

 **TRUSTED BY INDUSTRY
LEADERS WORLDWIDE**

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WATCH WATER®
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