

# Meet MAXIMUS™ Product Family






## The Foundation of Intelligent Meltblown Filtration

MAXIMUS CORE is the foundation of the MAXIMUS™ meltblown filtration platform. Purpose-built as the foundational series, it combines proven depth filtration, dependable performance, and optimized value – establishing the core technology that powers the entire MAXIMUS™ product family and offers filtration solutions across a wide range of industrial and process applications.

# MAXIMUS GRAD

MAXIMUS GRAD utilizes true gradient density construction – larger pores on the outer layer and tighter structure toward the core. This progressive capture maximizes dirt holding capacity while reducing pressure drop.

## KEY FEATURES

-  Multi-layer gradient structure
-  Extended service life
-  Reduced change-out frequency
-  Improved flow distribution
-  Lower operational cost per gallon filtered



Oil & Gas  
Upstream/Downstream



Wastewater  
Treatment



Chemical  
Manufacturing








Heavy Particulate  
Loading Applications

# MAXIMUS TITAN

MAXIMUS TITAN is reinforced for structural strength and extreme dirt loading. Designed for high differential pressure environments and challenging industrial applications.

## KEY FEATURES

-  Reinforced core options
-  High collapse resistance
-  High dirt holding capacity
-  Stable under fluctuating pressure
-  Extended operational cycles



Oil & Gas  
Upstream/Downstream



High-flow  
Industrial Systems



Chemical  
Manufacturing








Harsh Operating  
Conditions

# MAXIMUS ABSOLUTE

MAXIMUS ABSOLUTE delivers 99.98% removal efficiency at rated micron level, offering near-absolute performance in demanding applications where consistency and compliance matter.

## KEY FEATURES

-  99.98% efficiency rating
-  Tight pore structure control
-  Superior particle retention
-  Excellent for membrane protection
-  Food & Beverage compatible options



Final Filtration Stages



Beverage  
Processing



Membrane  
Pre-filtration



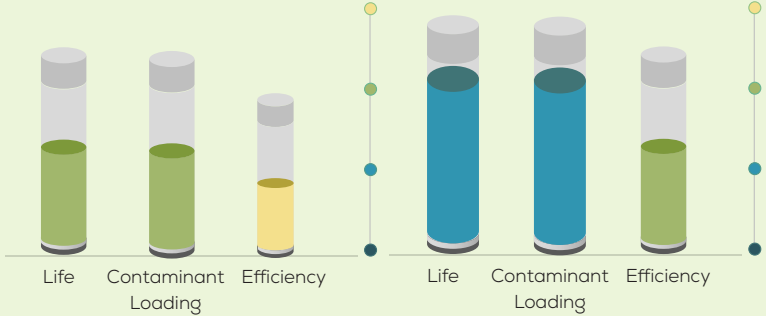
High Purity  
Chemical Systems

	FILTRATION TYPE	EFFICIENCY	BEST APPLICATION
CORE	Nominal	Standard	General Industrial
GRAD	Gradient	Nominal Enhanced	High Dirt Loading
ABSOLUTE	Absolute	99.98%	Critical Filtration
TITAN	Heavy-Duty Depth	Nominal High Capacity	High Pressure/ High Flow
MxFlo	Large Diameter	Gradient High Flow	High Efficiency Process Filtration

# MAXIMUS MxFlo

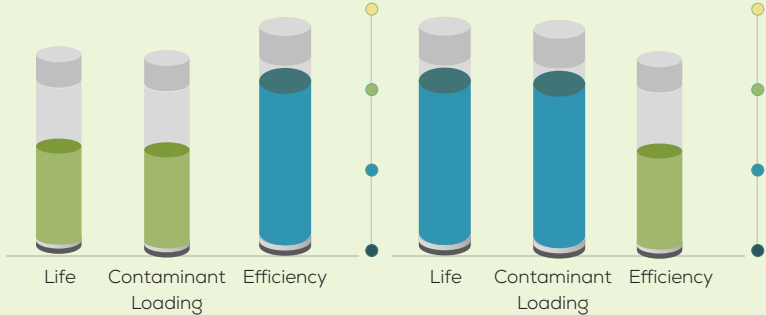
## MAXIMUS CORE

## MAXIMUS GRAD

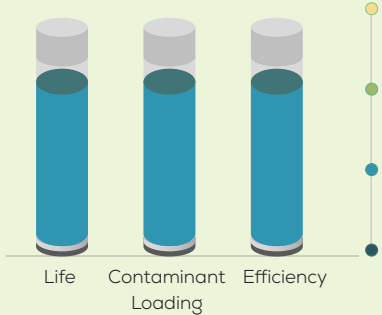


## MAXIMUS ABSOLUTE

## MAXIMUS TITAN



## MAXIMUS MxFlo



Built on the MAXIMUS CORE platform architecture, MxFlo expands performance into large-diameter, high-flow applications where throughput, dirt-holding capacity, and reduced maintenance are essential.

MAXIMUS CORE MxFlo combines gradient density meltblown construction with large-diameter geometry.

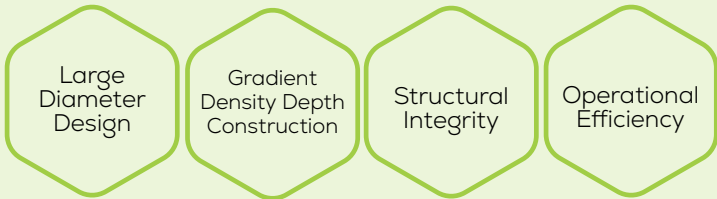
MAXIMUS CORE MxFlo simplifies high-flow filtration by replacing multiple standard cartridges with fewer large-diameter elements – without sacrificing performance.

**MxFlo is engineered for systems where standard 2.5" cartridges are not operationally efficient.**

### KEY FEATURES

- Higher flow rates per cartridge
- Increased dirt loading capacity
- Lower pressure drop
- Fewer cartridges per housing
- Reduced footprint and maintenance

### ENGINEERED ADVANTAGES

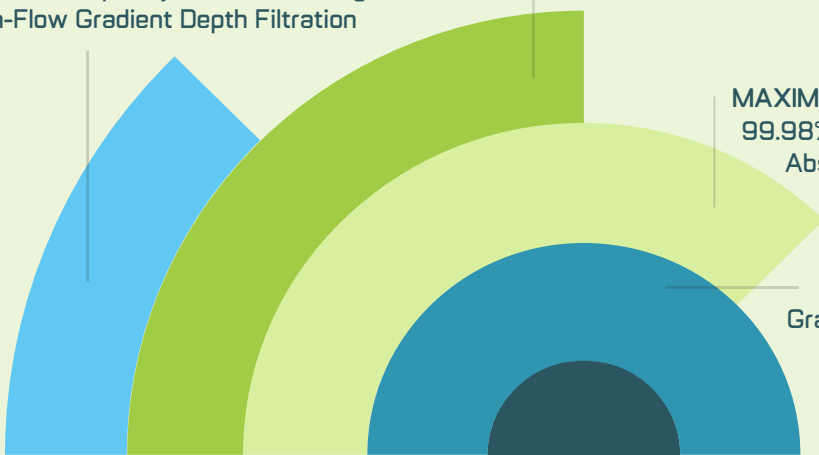


**MAXIMUS MxFlo**  
Maximum Flow. Maximum Capacity. Minimum Change-Outs.  
Large Diameter High-Flow Gradient Depth Filtration

**MAXIMUS TITAN**  
Built for Strength. Engineered for Capacity.

**MAXIMUS ABSOLUTE**  
99.98% Removal Efficiency.  
Absolute Confidence

**MAXIMUS GRAD**  
Gradient Density. Progressive Capture. Extended Life





Engineered Solutions.  
Dynamic Performance.

## CONTACT US



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# Advanced Meltblown Engineered

## The Philosophy Behind MAXIMUS CORE

At FiltraDyn, we believe filtration should do more than remove contaminants – it should optimize process performance, reduce downtime, and protect critical assets.

That belief is the foundation of MAXIMUS CORE.

MAXIMUS CORE represents strength, intelligence, and reliability. Each cartridge is engineered using precision-controlled meltblown technology to deliver:

- Consistent pore structure
- High dirt-holding capacity
- Structural integrity under pressure
- Reliable micron performance
- Chemical compatibility across demanding industries

Whether protecting downstream membranes, safeguarding pumps, or ensuring product purity, MAXIMUS™ is designed to perform under pressure – literally and operationally.

The MAXIMUS CORE platform is manufactured using precision-controlled meltblown extrusion technology.

Each enhanced configuration (GRAD, ABSOLUTE, TITAN) evolves from this CORE foundation – maintaining structural consistency while optimizing for specific operational demands.

Uniform  
Fiber  
Distribution

Controlled  
Density  
Formation

Stable Micron  
Performance

Low  
Pressure  
Drop

High  
Structural  
Integrity