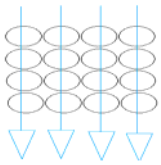
SANITRON Engineering of Purification AND REPRESENTATIONS INC.

GE Water & Process Technologies

SEVERN TRENT SERVICES

Pentair Water

DOW FILMTEC™ Membranes DOWEX™ Ion Exchange Resins



TurbiMax

Uniform Particle Size Ultra Performance Silt, Sediments and Turbidity Reduction Media.

For Municipal, Industrial, Commercial and Residential Applications.

TurbiMax is a natural mineral (Clinoptilolite) that is highly processed and graded. **TurbiMax** has many advantages over others common granular sands and multimedia filters used for suspended solids reduction (reduction of particles below 5 microns). And a high contaminant holding capacity. It is specially designed for the treatment of foodstuffs, beverages, potable water and water used in food processing. Its specification is in compliance with NSF Listed and WQA Gold Seal Certified under NSF/ANSI Standard 61.

Weight: 22.68 Kg (50 lb.). 1 ft^3

Typical Physical and Chemical Properties

Physical Form		Light tan to near white microporous granules
Composition		High Purity Alumino Silicate ≥ 99%
Surface Charge		Net Negative
Surface Absorption		Hydrophillic
Filtration Efficiency	Micron (Nominal)	3 - 5
Hardness	Mohs Scale	4 - 5
Bed Void Volume:	%	58
Surface Area:	m^2/gr	28
Uniformity coefficient, max.		1.7
Effective Size (Mesh)	mm	0.55 (Approx.. 14X30 mesh)
Dry Particle density	gr/ml	2.2
Shipping density	gr/lt lb/ft^3	880 50

Suggested Operating Conditions	
Maximum operating temperature	≤100°C (212°F)
pH range	2–13
Bed depth	600 - 914 mm (24 - 36 inches)
Flow rates: Service/fast rinse Backwash	(12–20 gpm/ft^2) (15–20 gpm/ft^2)
Recommended Freeboard	50% of bed depth
Recommended Backwash Bed Expansion	30 - 40 % of bed depth
A gravel support bed is required	

NSF Certified to NSF/ANSI 61

Tested and Certified Under Industry Standards — Water Quality — C USA

NOTE: Allow bed to saturate with water before initial backwash. Specific conditions may require lower flow rates. **TurbiMax** is an all-natural environmentally safe product.

Hydro-Source Systems, LLC (Product)

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