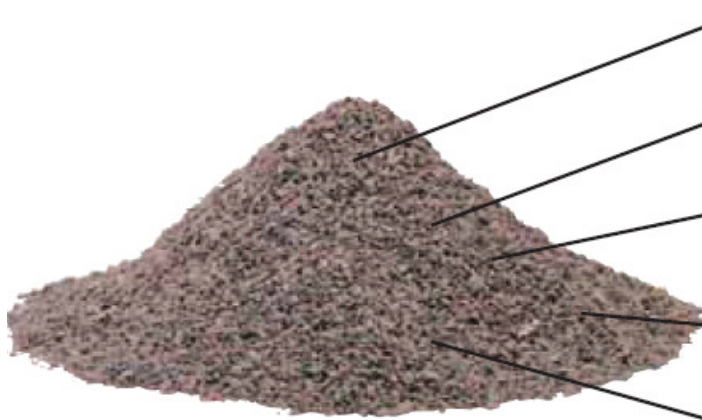


ZELBRITE®

*Advance
Filtration
Media*





Huge surface area
greater ability to remove dirt

Porous cell structure
traps dirt, reducing need for frequent backwashing

Ion exchange removes ammonia which keeps chemical usage to a minimum and reduces chlorine smell and sore eyes

Extremely hard & durable media
will last 5+ years

Operates in standard sand filter
easy to upgrade existing filters

PROPERTIES

Particle size	0.5 - 2mm
Solid density	2.2 - 2.3 g/cc (2200 - 2300 kg/m ³)
Filtration media bulk density	1.15 g/cc (1150 kg/m ³)
Hardness	7 Mohs
Wet attrition test (Mercer & Ames)	0.98
External surface area	20 - 25m ² /g
Cation exchange	119 m.eg / 100g
Ammonium ion exchange	104 m.eg / 100g
Molecular channel size	7.9 x 3.5 augstroms 4.4 x 3.0 augstroms

Zelbrite is an advanced filtration media that out performs the traditional pool filtration mediums of sand and Diatomaceous Earth (DE). Zelbrite upgrades standard sand filters into high performance water purifier's that are the lowest maintenance and easiest to use.

FEATURES & BENEFITS

Higher dirt holding capacity and the ability to remove finer particles than traditional sand and DE filters provides cleaner pool water that is visibly brighter and clearer and saves water as backwashing requirements are reduced

Zelbrite performs chemical ion exchange to absorb ammonia making the pool water safer and more appealing

Hard grains of Zelbrite ensure that it remains effective within the filter for over five years

No modifications are required to standard sand filters to accept Zelbrite therefore can be used as an upgrade when the sand is replaced

Zelbrite can be simply recharged by your local pool shop to keep it performing at it's best

Natural "buffering" characteristics of Zelbrite and the resulting lower use of disinfectants allows a lower use of chemicals for pH control

Zelbrite lowers the output required from salt water chlorinators extending the cell plate life

MEDIUM	ZELBRITE	SAND	DE
CHARACTER	"Zelbrite" Used continuously for many years	Sand Used continuously for many years	Diatomaceous Earth Replaced after every backwash
FILTRATION EFFICIENCY	Excellent	Good	Excellent
FILTERS TO	2-3 microns	15 microns	5 microns
MULTIPLE MECHANISMS	Yes	No	No
REMOVES AMMONIA	Yes	No	No
REDUCES CHLORAMINES	Yes	No	No
CONVENIENCE	Excellent Simple backwash	Excellent Simple backwash	Not so convenient Backwash to also remove unused DE
OPERATING COST	Low as virtually permanent medium	Low as virtually permanent medium	Medium Requires regular replacement of DE



May contain traces of clay and fine particles - thoroughly backwash and rinse before first filter cycle.

Authorized Distributor:

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