

Lantec's Ceramic Saddles

Low-Pressure-Drop and Alkali-Resistant Saddles are also available



Meets all ASTM Standards:

- ASTM C515 Chemical Porcelain
- ASTM C373 Water Absorption <0.5%
- ASTM C279 Acid Resistance <4% weight loss
- DIN 51068 Thermal Cycling Breakage Test

Applications:

- Regenerative Thermal Oxidizers
- Acid Gas Scrubbers
- Dryer Towers
- Tail Gas Scrubbers
- Impasse Towers

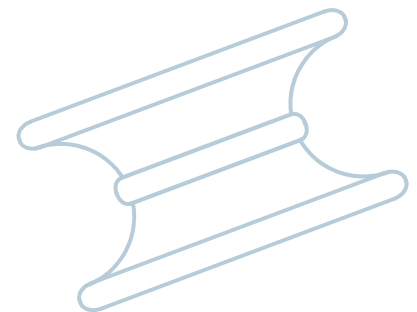
Geometric Properties of Lantec Saddles

Nominal Size	Weight (lb/ft ³)	Specific Surf. area (ft ² /ft ³)	Void fraction(%)	Packing factor (1/ft)
1/2"	45	190	71.7	200
3/4"	43	102	73	130
1"	43	77	73	85
1 1/2"	40	50	75	50
2"	36	35	77.4	37
3"	39	28	75.5	14

Chemical Composition	% by Weight
SiO	70
Al ₂ O ₃	23
Fe ₂ O ₃	<1
CaO	1-2
K ₂ O + Na ₂ O	2-4

Physical Properties

Specific Gravity	2.25-2.35
Water Absorption, %	<0.5%
Acid-Resisting Strength %	<4%
Firing Temperature, °C	1,250 to 1,300
Softening Point, °C	>1,400



Lantec offers FREE designs and technical support