



Incorporated 1933

SOUTHERN PRODUCTS & SILICA COMPANY



Certified to
NSF/ANSI 91

Filter Sand & Gravel - Industrial Sand - Well Gravel Packs - Quartz Gravel - Epoxy Aggregate

Plant located at 4303 U.S. Highway 1 North, Hoffman, NC 28347

www.sandandgravel.net

P.O. Drawer 189
Hoffman, NC 28326

Fax: 910-281-3815 Sales Orders
Fax: 910-281-3213 Administration

Phone: 910-281-3189
Toll Free: 800-572-6348

General Information / Technical Data

Our materials are hard quartzite, sub-angular sand and rounded gravel, free of clay, silt, iron, mica and other foreign matter. All filtering material is washed, screen-sized, washed and sized again according to current American Water Works Association B100 Standards for Filtering Materials and are NSF listed.

Water Filter Sand and Gravel

Filter Sand

<u>Effective Size (ES)</u>	<u>Uniformity Coefficient (UC)</u>
.45mm-.55mm	U.C. 1.6 or less
.80mm-1.20mm	U.C. 1.6 or less
2.0mm-3.0mm	U.C. 1.6 or less

Custom Filter Sand ES and UC Available Upon Request

Filter Gravel

2 1/2 x 1 1/2	1/2 x 1/4
1 1/2 x 1	3/8 x 3/16
1 1/2 x 3/4	1/4 x 1/8
1 x 5/8	3/16 x #10
1 x 1/2	#5 x #16
3/4 x 1/2	1/8 x 1/16
5/8 x 3/8	1/8 x #16

Chemical Analysis (% By Weight)

Calcium (Ca)	<0.01%
Calcium Oxide (CaO)	<0.01%
Calcium Carbonate (CaCO ₃)	<0.01%
Magnesium (Mg)	0.05%
Magnesium Oxide (MgO)	0.09%
Magnesium Carbonate (MgCO ₃)	0.19%
Iron Oxide (Fe ₂ O ₃)	0.03%
Aluminum Oxide (Al ₂ O ₃)	0.17%
Silicon (Si)	46.56%
Silicon Dioxide (SiO ₂)	99.61%
Sulfur Trioxide (SO ₃)	0.04%
Manganese (Mn)	<0.01%
Loss on Ignition	0.14%

Industrial Sand

<u>Grade</u>	<u>Approximate Sieve Size</u>
Ultra Fine	30-140
Extra Fine	25-80
Fine	10-45
Medium	8-30
Coarse	4-20

Well Gravel Packs

<u>Product</u>	<u>Approximate Sieve Size</u>
Gravel Pack #1	16-50
Gravel Pack #1A	10-40
Gravel Pack #2	7-35
Gravel Pack #3	5-20
Gravel Pack #4	4-12

Quartz Gravel for Catalyst Support

1 1/2 x 3/4 / 1 1/4 x 3/4 / 1 x 1/2

Epoxy Aggregates

Available in various sizes.

Geothermal Sand

Our Geothermal Sand has been used extensively throughout the Industry

Ask about special sizing and gradation requirements.



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Assurance of Quality

Full service laboratory testing continually monitors sand & gravel specifications for compliance with standards. All filtering materials meet current AWWA B100 standards and are NSF listed. Certified testing analysis is available on all filter sand and gravel shipments.

Transportation

All material can be shipped by truck, bagged or bulk.

Packaging

Products are bagged in .5 cu. ft. or 1.0 cu. ft. clear plastic bags (LDPE), or woven 3000 lb. super sacks. Dry palletized bags are shrink-wrapped and have a top cover sheet that provides both rain and UV protection. All material is quoted with pallet. Pallets are Non-Stackable 40"x40", 40"x44", or 40"x48". Heat Treated Option For Export. You can also order our material bulk, delivered via dump bed or pneumatic tanker.

Pricing

Prices for all materials depend on selected packaging options.
Prices are quoted F.O.B. Hoffman, NC

Ordering Information

Our sales staff will be pleased to assist you between the hours of 8 A.M. and 4:00 P.M.,
Monday - Friday. Please Call or Email:

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POST OFFICE DRAWER 189

4303 U.S. HIGHWAY 1 NORTH

HOFFMAN, NC 28347

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PHONE: 910-281-3189

FAX: 910-281-3815 SALES ORDERS

FAX: 910-281-3213 ADMINISTRATIVE

