

Incorporated 1933

# SOUTHERN PRODUCTS & SILICA COMPANY



Certified to  
NSF/ANSI/CAN 61

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

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

P.O. Drawer 189  
Hoffman, NC 28326

www.sandandgravel.net  
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

Effective Size (ES)	Uniformity Coefficient (UC)
.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 #16
5/8 x 3/8	

#### Chemical Analysis Example (% By Weight)

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

#### Industrial Sand

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

#### Well Gravel Packs

Product	Approximate Sieve Size
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

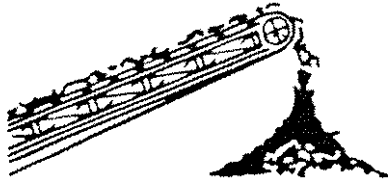
#### Epoxy Aggregates

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:

**SOUTHERN PRODUCTS & SILICA COMPANY**

**POST OFFICE DRAWER 189**

**4303 U.S. HIGHWAY 1 NORTH**

**HOFFMAN, NC 28347**

**TOLL FREE: 800-572-6348**

**PHONE: 910-281-3189**

**FAX: 910-281-3815 SALES ORDERS**

**FAX: 910-281-3213 ADMINISTRATIVE**

