

SAND & GRAVEL FILTER MEDIA

ADVANTAGES

- No chemicals to purchase for maintenance.
- Durable material with long life and temperature range.
- Sub-Angular shape enhances filtration properties
- Ideal for non-silica sensitive sub-fill requirements.
- High Density

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

- Weight per cubic foot – 100 pounds
- Apparent Specific Gravity –(ASTM C 128) >2.5
- Hardness – 6-8 MOH scale
- Acid Solubility (AWWA B100) - <5%
- Sphericity and Roundness (API RP56) - 0.6
- Sodium Soundness (ASTM C88) - <15%
- Test for Clay (ASTM C40 or C117) - plate 1 and 2
- Average Analysis
 - Silica (SiO₂) 98-99%
 - Aluminium Oxide (Al₂O₃) .03 - .3%
 - Iron Oxide (Fe₂O₃) .03 – .3%
 - Sodium Oxide (Na₂O₃) to 0.05%
 - Potassium Oxide (K₂O) to 0.05%
 - Titanium Oxide (TiO₂) to 0.05%
 - Manganese Oxide (MnO₂) to 0.05%
 - Magnesium Oxide (MgO) to 0.05%

SIZES

| <u>US</u> | <u>Metric</u> |
|--------------|---------------|
| .45-.55 mm | .45-.55 |
| 1/8 x 1/16" | 1.7 – 3.4 |
| 3/16 x 10" | 2.0 – 4.8 |
| 1/4 x 1/8" | 3.4 – 6.3 |
| 3/8 x 3/16" | 4.8 – 9.5 |
| 1/2 x 1/4" | 6.3 – 12.5 |
| 5/8 x 3/8" | 9.5 – 16.0 |
| 3/4 x 1/2" | 2.5 – 19.0 |
| 1 1/2 x 3/4" | 19.0 – 38.0 |

**Packaging Options: Fine Grades – 50 lb, 100 lb Paper & Plastic; 3,000 lb Supersack
Coarse Grades – 50 lb, 100 lb Plastic; 3,000 lb Supersack**



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