

# AMC GRAVEL PACK 8/16™

## SPECIALTY PRODUCTS & CHEMICALS



### Description

AMC GRAVEL PACK 8/16™ is a screened river gravel with round to sub round structure creating an ideal filter pack for water production and monitoring bores. Use of a suitable filter pack can increase yield and pumping efficiency, reduce sand production, decrease development time and prolong bore life.

AMC GRAVEL PACK 8/16™ has negligible solubility in weak acids that can occur in groundwater aquifers as which is critical to lifetime stability in groundwater aquifers.

### Application

AMC GRAVEL PACK 8/16™ can be installed in water bores below or above the standing water level to hold open the natural formation and allow a water course around the outside of the casing and a filter pack around the screen zone.

AMC GRAVEL PACK 8/16™ settles quickly through slightly thinned drilling fluid and allows space for the wall cake, formed when drilling, to break away during development. Development time is decreased with lower screen entry velocity, which reduces sand pumping over the life cycle of the bore. Yield is increased with improved near well permeability and vertical water transmission.

### Typical Physical Properties

Appearance:	Red to brown solid
Solubility in water:	Insoluble
Bulk density:	1600 kg/m <sup>3</sup>

### Recommended Treatment

$$\text{Gravel Required (kg)} = H \times \frac{D_h^2 - D_c^2}{795}$$

Where H = height of gravel required

D<sub>h</sub> = Hole diameter (mm)

D<sub>c</sub> = Casing diameter (mm)

### Advantages

- Environmentally acceptable
- Increased yield
- Decreases development time
- Improves bore efficiency
- Increase bore lifespan.

*Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.*

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