

Apollo screens – A new venture by APOLLO GROUP, A renowned engineering house with strong image in its core business combines its engineering expertise, long term vision and ethical business approach with a global team of experts in design and manufacture of screens for wide range of applications.

Apollo screens unit –The plant & Critical Equipments are designed & manufactured by Apollo group having team of engineers who have hands on experience & technology base for these specialised machines. The plant is equipped with state of art technology based machines to produce finest quality screens with minimal tolerances to achieve excellent product quality.

Apollo Gravel Pack Water Well Screens

The application for this type of screen is in unconsolidated formations, where a gravel pack is economically undesirable and its successful completion is doubtful.

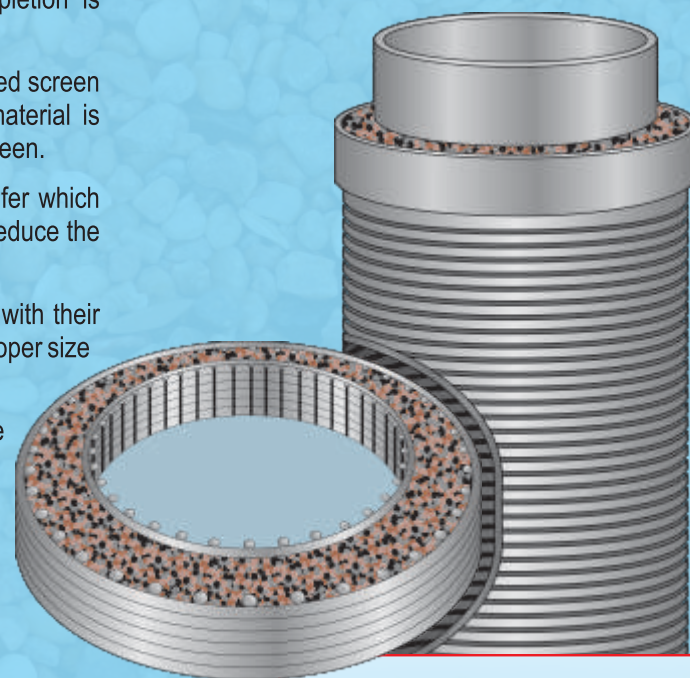
Apollo Pre-Packed Screens consist of an inner and outer wire wrapped screen packed with smooth well rounded natural gravel. The pre pack material is installed in the annular space between an outer screen and an inner screen.

This design allows closer contact between the screen and the aquifer which improves well development, efficiency, placement time of aquifer & reduce the cost as well as time.

Gravel-Packed Screen has relatively high porosity which combined with their very high permeability offer minimum pressure drops. To design the proper size of pre-pack a sieve analysis is carried out of sand sample.

The gravel pack material is installed in the factory-installed in the annulus between an outer screen and an inner screen.

Gravel-Packed Screens are available in many different sizes.



Advantages of Pre-packed screen

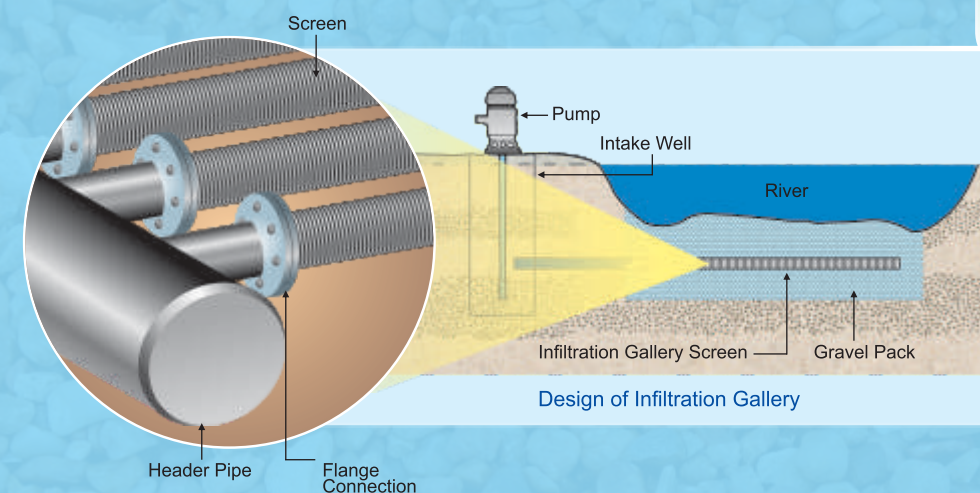
1. 100% sure for gravel packing
2. No need for gravel packing
3. No fear of sand pumping
4. Increased well efficiency
5. Reduced drilling cost

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State of art technology by global team of experts

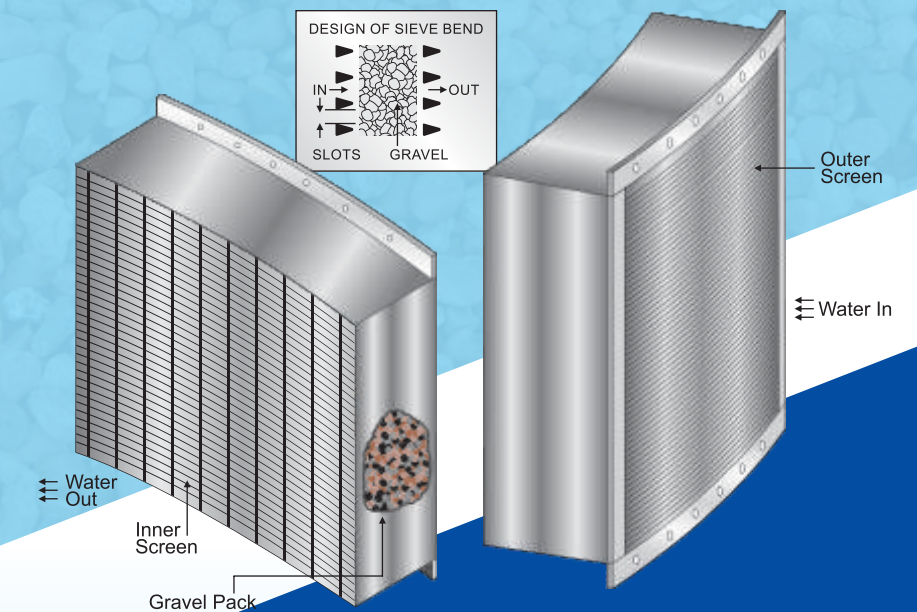


Water well Screens for Infiltration Gallery

- ▶ To extract sub-surface water from river bed
- ▶ Screen is installed at a depth of Approx 10 feet
- ▶ Screen surrounding is covered with gravel
- ▶ Screen to screen joint is flange connection
- ▶ Screen rows connected with main header pipe.
- ▶ Water percolated through surrounding will be collected by screens

Apollo Pre-Pack Sieve Bend Screen for intake well

- ▶ To filter out suspended solid from flowing water.
- ▶ Pre-pack sieve bends screen is fitted on outer wall of the intake well.
- ▶ The water is filtered by sieve bends screens.
- ▶ Pre-pack sieve bend is made of stainless steel V- wire screen.
- ▶ Pre-pack sieve bend supplied with surrounding frame.
- ▶ The frame is bolted in opening of well.



Advantages

- ▶ Higher % open - Hence more discharge
- ▶ Options for screen slot - Control the sand pumping
- ▶ Screen slot is inwardly widening - Hence non-clogging property
- ▶ Material of screen-Stainless Steel-304-non-corrosive and long lasting
- ▶ Availability in different Diam., shape & length to suit the site condition