Sand Control Screen

Fundamental structure of Sand Control Screen

Sand Control Screen consist of perforated base pipe, middle leak off mesh, wire mesh or metal wool and outside stainless steel protective tube. Perforated base pipe has designed hole. The hole on outside protective tube could be round or bridge slot or customized according to customers’ requirements.

Features of Sand Control Screen

1. Stainless steel filter media has been adopted, with high reliability and collapse resistance in sand control;
2. High permeability, large area flow and production rate is high;
3. Small outer diameter, light weight, easy to push along the long horizontal section;
4. Anti-acid and alkaline, anti-high temperature, longer service life;
5. Sand Control Screen samples deformed to 75% and 40% of original diameter with virtually no increase in sand production;
6. Simple construction, easy for operation.

Applications of Sand Control Screen

Sand Control Screen are mainly applied in cased-hole completion of vertical wells, directional wells and open-hole well.

Material: Low carton, low carton galvanized steel (LCG), stainless steel (304, 316 etc.)
Length: Lengths up to 6 meters.
Diameter: Ranging from 25mm to 800mm.
End connection: Plain beveled ends for butt welding or threaded