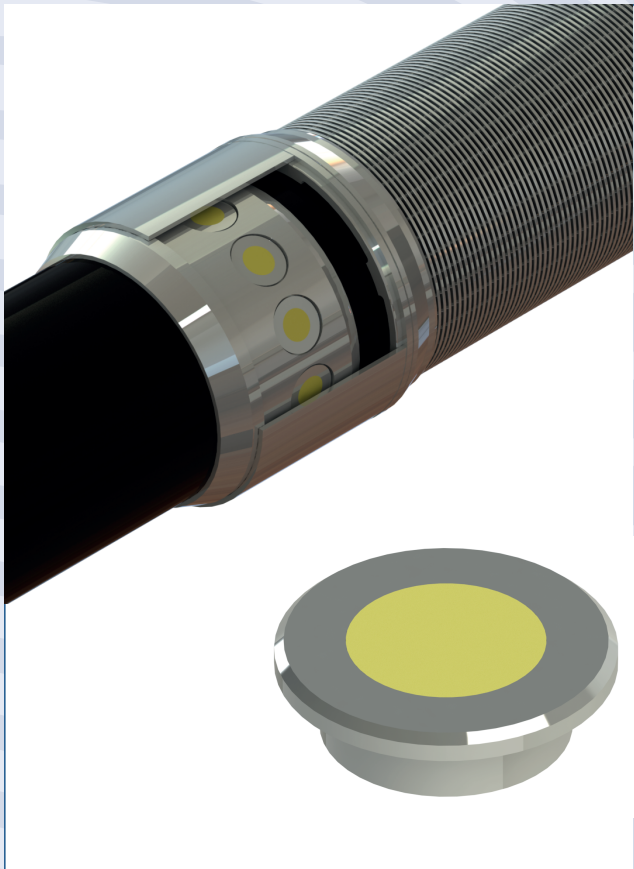




HP WELL SCREEN



Customized Design

- Different hole diameters
24 / 12 / 6 / 5 / 4 / 3 / 2,5 mm
- Engineered dissolution times
From 1 to 25 days
- Dissolves in (sea)water, acid, wbm, obm
- Material grades: A825/A718/Tungsten
- Differential pressure 3000 - 5000 psi
- Temperature range 50 - 150C
- Compatible with all screen types
- Over 12.000 plugs run successfully

Benefits

- Time and cost savings
- Ability to wash to TD
- Less fluids losses to formation
- Effective wellbore and screen cleaning
- Improved breaker coverage
- Improved gravel packing
- Reduced formation damage

WASH PIPE FREE SCREEN

The Wash Pipe FREE Screen is a sand screen used for sand control in production and injection wells, eliminating the need to deploy wash pipe for circulation, fluid displacement, well cleanup, gravel packs and setting packers.

Eliminating the need for wash pipe

Any sand screen completion in long laterals or gravel packed wells requires a significant amount of time for wash pipe deployment to displace drilling, completion and breaker fluids and to clean up the well. The Wash Pipe FREE Screen eliminates the requirement of a dedicated inner string and allows for circulation and displacement to be performed with the liner running string. Enabling the operator to save several days rig time, reducing costs and increase operational efficiency, safety and logistics.

Dissolvable Plugged Perforation Assembly

Instead of using a standard perforated base pipe, the sand screen uses a Dissolvable Plugged Perforation Assembly (DPPA), preventing fluid loss through the holes in the base pipe during running in hole of the screen completion.

The perforations in the DPPA are temporarily plugged providing hydraulic integrity of the completion string and allowing for circulation through the shoe and setting of hydraulic set packers.

The plugs are composed of a specifically formulated polymer or metal alloy which will dissolve in a water-based fluid, brine or breaker system. The dissolving time is designed and customized based on temperatures, pressures and fluids. The dissolution of the plugs provides an interventionless opening of the perforations, where after the screen is ready for production or injection.

