

# EFFECTIVE PERFORATION

Unique HHI "Thermal Spray" metal coating technology.  
Effective friction reducing coatings.

Drill pipe



ESP equipment housing



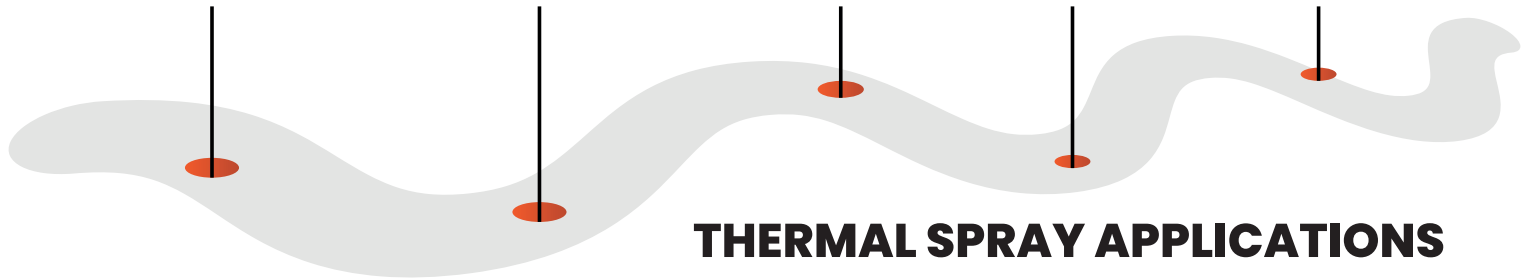
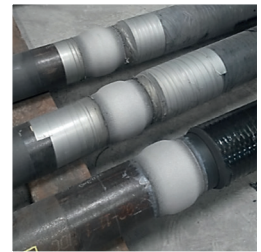
Casing/Liner



ESP equipment centralizer



Centralizers to protect Swell packers/ ICD's



- SHIELD Pipes is a 100% Ecuadorian company that provides goods and services with innovative technology in metallic thermal coating for tools and equipment susceptible to aggressive conditions of wear, corrosion and friction.
- Its unique HHI (titanium alloy) anti-friction metallic coating technology drastically reduces the friction generated in pipes (Drill Pipe, Casing, Tubing) running in high deviation or horizontal wells. There is no need to use friction reducing chemicals in the well.
- We build tools with anti-friction technology to protect electrosubmersible equipment components: electric cable, housings, motor, pump, seals, etc.
- We use advanced Torque&Drag software to determine stress points within the wellbore that can affect completions integrity.
- Our services are focused on strategic sectors: oil, mining and hydroelectric energy production.



**OFFICE**

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**OPERATIONS BASE (WORKSHOP)**

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