GIANT COATINGS

Protective Coatings

FluoroPro52®

Polymer Spray Coating

INTRODUCTION

This coating offers an excellent Polymer (PTFE) Coating option for down hole and completion equipment exposed to harsh chemical environments.

The main advantages of FluoroPro52 is its corrosion resistance, high working temperatures and pressures, and excellent lubrication qualities for thread protection. This coating has been found to be an excellent cost reducing product for many oil and gas production applications. The spray-on application of polymer coatings is cured into a thin barrier coating that provides excellent resistance against H2S, C02, Chlorides, and deposition.

BENEFITS

- Polymer Coatings resistance to corrosion and particle build-up improves equipment performance
- FluoroPro52 is typically applied at a thickness between 0.0005" to 0.0015"
- Coated layer is entirely built up on top of the original substrate
- FluoroPro52 can withstand pressures up to 150,000psi
- Polymer binder is very durable against corrosive gasses.
- Recommended in corrosive and chloride applications, water injection/producing and disposal wells.
- Non-stick properties allow for high release of asphaltenes, scale build up, Sulphur and protection against galling.
- Operating temperature rating of -40°F (-40°C) to +500°F (+260°C)

APPLICATIONS

- API Valves
- API and ANSI Valve systems
- CRA components for anti-galling
- API Valve seat rings
- Swaging tools