

ANSI VALVES & FITTINGS

IMPREGLON® Coatings

IMPREGLON® coatings have proven themselves in severe service wells across Western Canada, and are the established industry standard for corrosion and deposition prevention for oil and gas production equipment. Impreglon's customers include end users, completions companies, OEM's, and supply houses.

Recommended Services

IMPREGLON® coatings are used in a range of severe environments, including:

- Injection systems (H₂O, CO₂, polymer)
- Brine service
- H₂S service

Coated Parts

IMPREGLON® coatings are used on a wide variety of ANSI equipment fittings, including:

- Choke valves
- Ball valves
- Check valves
- Control valves
- Plug valves
- Y-strainers
- Line pipe fittings and spools
- Multi-port selector valves

Impreglon Advantage

With the rising costs associated with downtime, lost production, and environmental concerns, protecting ANSI valves and fittings against corrosion remains a critical issue. IMPREGLON® coatings are extremely effective in protecting ANSI valves and fittings for a number of reasons:

1. Full Coverage

- IMPREGLON® coatings thin profile (1.5 mils) allows for 100% of the wetted area on ANSI equipment to be coated, including all internal surfaces, seal areas, seat pockets, grease ports, RTJ grooves, threads, and micro-grooves on raised-faced valves
- Coating always extends beyond the seal area
- No breaks, gaps, joints or connections means no weak spots in vulnerable areas

2. Resistance to a Broad Range of Aggressive Chemicals

- IMPREGLON® coatings are built on a fluoropolymer platform that is resistant to more chemicals than any other organic material, including nylons, epoxies, HDPE, and PP
- Protection on a broad scale: amines, acids, chlorides, solvents, gases, oxidation, and bacteria
- With continuous use in temperatures up to 550°F, they are effective in deep/hot wells



3. Impreglon Quality

- A coating's ability to adhere to the surface is as critical as it's ability to resist chemical attack
- Impreglon's application process ensures the highest level of surface preparation possible, guaranteeing the best possible adhesion
- Will not chip, crack, peel, flake, or blister when used in appropriate services
- Highly resistant to undercreep when damaged

4. Economical

- Cost to coat is only a fraction of replacement cost, typically less than 10% cost of replacing mild steel valves
- Thin profile saves money by allowing for use of off-the-shelf-parts
- No expensive pre-or post-machining required to accommodate coating

5. Short Lead Times

- Turnaround time for a 4" FP ball valve is three days or less
- Larger orders can be completed in stages to accommodate project schedules
- Rush jobs can often be completed in under 24 hours

6. Additional Advantages

- Used parts can be reprocessed
- Seamless PDRT: Impreglon looks after all PDRT on behalf of our clients - you make one call and we do the rest
- Anti-galling: IMPREGLON® coatings are self-lubricating and prevent galling, prevalent on SS fittings and threaded connections

Recommended Impreglon Coating

IMPREGLON® 222M and 410M have proven effective in reducing corrosion on ANSI valves and fittings. Contact us for a recommendation based on your particular service conditions.

