

IPC 2000 is a proven generation of high temperature fusion bond powder coating that provides excellent mechanical and chemical resistance

IPC 2000 is a high-performance epoxy powder specifically designed to offer corrosion protection in extremely high temperature environments. IPC 2000 has an operating temperature of 350°F and provides excellent resistance to paraffin buildup and resistance to CO₂ and H₂S corrosion.

Additional Information:

Recommended Services:

- Water / gas production
- CO₂ injection (WAG)
- Sour service
- High H₂S environments
- High temperatures

Benefits:

- Excellent corrosion resistance
- Excellent abrasion resistance
- Low permeability

Characteristics:

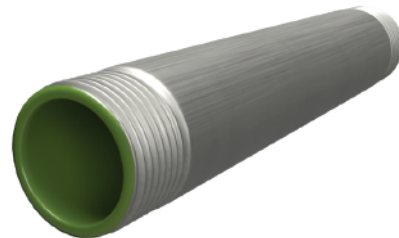
- Color: dark green
- Generic type: modified epoxy
- Primer: phenolic
- Operating temperatures: 350°F (177°C)
- Thickness: 10-20 dry mils

Abrasion Resistance (Taber Abrasion Test | ASTM D4060):

- CS-17 wheel at 1,000g load at 1,000 cycles
- Average weight loss: <10.0 mg

Coating Capabilities:

- Tubing: 2 3/8" – 3 1/2"



Successful Autoclave Results*:

Temperature	Pressure	Test Conditions	Time Period	Result
300°F	5,000 psig	10% CO ₂ / 90% CH ₄ / Hydrocarbons / Tap Water	16 Hours	Pass
300°F	6,500 psig	27% CO ₂ / 73% CH ₄ / Hydrocarbons / 5% Brine	16 Hours	Pass
225°F	4,000 psi	Alternating 3X (WAG), 5% brine (H ₂ S-saturated) / 100% CO ₂	6 Days	Pass
150°F	2,000 psi	3% CO ₂ / 97% CH ₄ / 5% brine (H ₂ S-saturated) Rocker arm test	28 Days	Pass

*These test results are presented as simulated conditions and should be used as guidelines only; they are not intended for warranty serviceability.