IPC SYSTEM 5 - Ruby Red

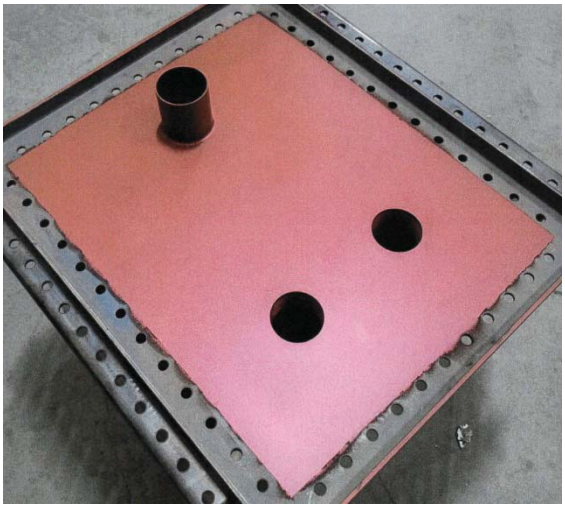
Multi-coat system of Teflon PFA, formulated to provide superior chemical and permeation resistance.

- Ultimate corrosion and permeation protection.
- Designed to withstand vapor permeation.
- Excellent thermal stability.
- Superior chemical resistance.
- Good abrasion resistance.
- High film build.

Specific Advantages:

- A primer and topcoat system.
- Ability to build up to 20 mils.
- Ability to coat complex shapes.
- Nonporous film.
- Successful history in wide variety of corrosive environments.

PROPERTY	ASTM	UNIT	RATING
Salt Spray Resistance	B-117	Hours	1000+
Maximum Use Temp	Continuous	°F/°C	500/260
Coefficient of Friction	D1894	static	--
Coefficient of Friction	D1894	kinetic	--
Hardness	D2240	Shore D	60
Tensile Strength	D638	MPa	25
Elongation	D638	%	300
Flexural Modulus	D790	MPa	586
Dielectric Strength	D149	V/m	80
Surface Resistivity	D257	Ω/sq	$>1.0x10^{17}$
Water Absorption	D570	%	<0.03



Successful Applications:

IPC's thin film coatings have been successfully applied to the wetted parts of a wide array of oilfield components which are subject to severely corrosive environments. Components such as valves, fittings, pipe spools, down hole completion tools etc. are some examples of what we can do.

IPC has proven coatings for severe service conditions for various applications (injection wells, brine service, CO_2/H_2S service), in the most corrosive fields in Western Canada - Judy Creek, Brintnell, Pelican Lake, Redwater, the Bakken Play, the Cardium Play, Horn River, Provost, Winter, and Zama.

IPC™
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Proven Solutions. Extreme Performance.
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