



IPC SYSTEM 10

A superior high build and a complete powder ETFE system that is extremely tough & provides excellent abrasion, chemical and corrosion resistance.

- ➔ Heat resistance with a rating for temperatures up to 150°C (302°F).
- ➔ High resistance to outdoor weathering.
- ➔ Resistance to radiation and extreme temperatures.
- ➔ Excellent chemical and corrosion resistance.
- ➔ Excellent Abrasion resistance.

Specific Advantages:

- ➔ Maximum service temperature 302°F (150°C).
- ➔ Film can be built of up to 80 - 100 mils DFT.
- ➔ Higher melting point, 500°F (260°C).
- ➔ Successfully used on chemical tanks, pump housings, pipe linings, impellers etc.

PROPERTY	ASTM	UNIT	RATING
Salt Spray Resistance	B-117	Hours	1000
Maximum Use Temp	Continuous	°F/°C	302/150
Coefficient of Friction	D1894	static	0.2
Coefficient of Friction	D1894	kinetic	0.2 - 0.3
Hardness	D2240	Pencil	67
Tensile Strength	D638	-	48
Elongation	D638		430
Flexural Modulus	D790	MPa	900
Vol specific resistance	D257	Ω/sq	1.0x10 ¹⁷
Dielectric constant	D150	V/m	> 2.6
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, CO₂/H₂S 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.



Proven Solutions. Extreme Performance.

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