

# CERALON

## Antifouling

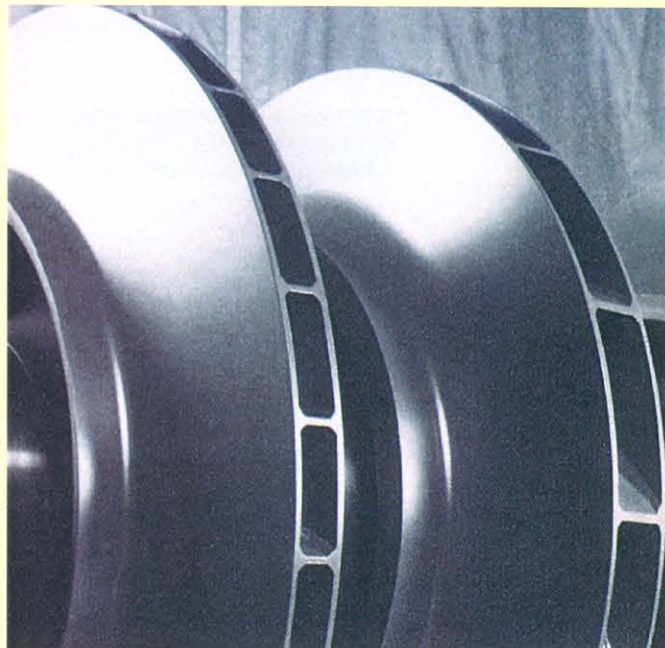
For Service in North America Please Contact

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### CERALON Description

CERALON is a coating system that consists of an aluminum-filled polyphosphate base coat CERAL 114 which is made electrically conductive and an organic polymeric – phosphate based top coat CERAL P. CERALON combines the effects of the sacrificial base coat and the unreactive wetting resistant top coat. Because of that property CERALON resists wetting by any particulate or fluid in the gas stream. The CERAL 114 base coat adds the excellent corrosion protection to CERALON.



### CERALON Advantages

The main benefits of CERALON are

- smooth surface finish
- sacrificial corrosion protection
- high resistance to jet fuels and hydraulic & lube oils
- excellent resistance to fouling
- no hydrogen embrittlement
- high bond strength

### CERALON Applications

CERALON is the ideal coating for all ferrous compressors and steam turbine components which have severe corrosion and fouling environment. CERALON prevents fouling and as a result of that also the loss of the compressor efficiency. Increase in service intervals is a direct consequence.

### Physical Properties

Thickness range	0.001–0.005 inch (30–125 µm)
Roughness	Ra 25–40 µinch (0.6–1.0 µm)
Operating temperature	500 °F (260 °C)

### Performance Data

Salt Spray ASTM B117	2000 hours+
Temperature stability	500 °F (260 °C)
Temperature stability/ Time (peak operation)	600 °F (320 °C)/ 60 Min
Adhesion DIN 53151	GT 0
Color	black



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