

# THERMAL ARC SPRAY

- C276 Hastelloy Alloy Thermal Arc is applied 3-6 mils.
- Dichtol HTR #0977 by Diamant is a specially developed, heat-resistant polymer-based impregnation system.
- Pores can be sealed up to .1 mm.
- Corrosion Resistant
- Heat Resistant up to approximately 1000 degrees.
- Patent #506093131
- C276 creates a porous laminate resistant to thermal expansion/contraction which allows Dichtol sealant to remain bonded and prevents corrosion.
- Offers increased heat transfer efficiency compared to traditional Epoxy protective coatings.



LEFT SIDE: UNCOATED. RIGHT SIDE: COATED

**HESS**  
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REVISION DATE  
3/6/24

# COUPON TESTING



COUPON BEFORE TESTING



CORROSIVE TEST ON THERMAL ARC SPRAY COUPON



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