

Stellite™ 720 UltraFlex™ provides a metallurgically-bonded cladding with minimal dilution to a metal substrate, providing superior wear resistance and exceptionally high corrosion resistance in reducing atmospheres. This cladding may be applied to internal diameters, complex shapes, and non-line-of-sight geometries.

APPLICATIONS

This UltraFlex Cladding has been applied with good results on bulk material conveyance pipe, conveyance screws, refinery bends, pump casings, and valve components.

Stellite™ 720 UltraFlex™ cladding **FORM:** UltraFlex™ Cladding on Inconel™ 625. Average sample coating thickness (below) is 0.035". **NOMINAL COMPOSITION (MASS %)** [CLADDING MATERIAL] C Ni Cr Co Fe Mo 33 Balance 2.45 3 Max. 3 Max. 18 TYPICAL PROPERTIES 8.75 Density (g/cm³) Melting Point °F (°C) 2300 (1260) Is **Abrasion per ASTM G65** 6.7mm³ (Method B) **Hardness HRC** 53-60

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