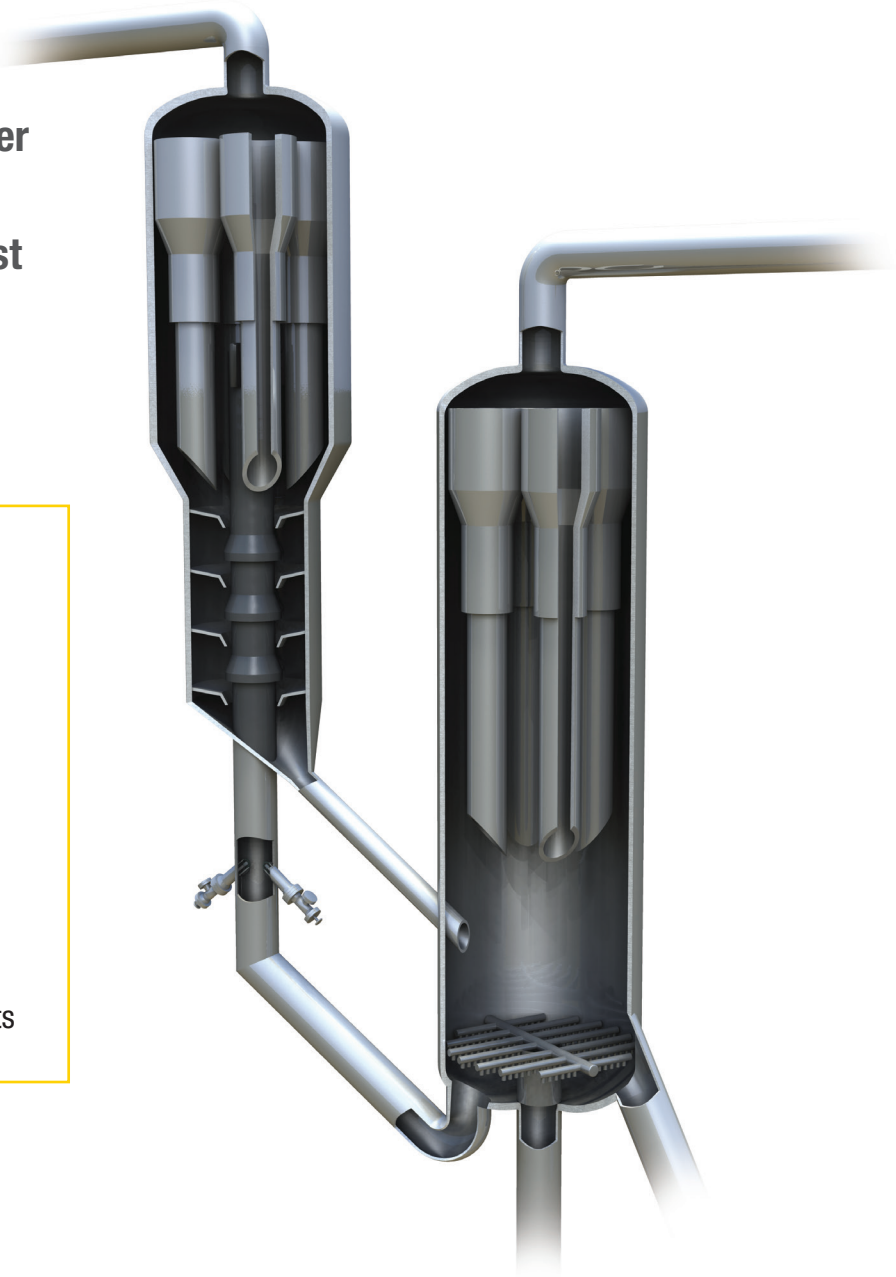


FCCU Solutions

Kennametal manufactures a number of solutions that enhance the wear resistance and lifetime of your most critical FCCU components.

Contact Kennametal today to discuss the wear resistant solutions we have for:

- Riser Line Feed Nozzles
- Regenerator Air Grid Nozzles
- Catalyst Removal Lines
- J-Bends
- Slide Valves
- Transfer Lines
- Pump Casings, Impellers and Components



Kennametal’s material science expertise has led to the development of a number of technologies and grades capable of withstanding some of the most demanding environments and extending the lifetime of your most critical components.

TECHNOLOGY	Conforma Clad™	UltraFlex™		Stellite™	
Grade	WC210	WC210 UF	S720 UF	Stellite™ 6	Stellite™ 12
Abrasion Resistance, ASTM G-76 (mm ³ /g erodent)	0.0279	0.0282	0.0336	0.028	0.0375
Erosion Resistance, ASTM G-65 (mm ³ loss)	9.62	10.99	16.39	12.00	22.22
HCl Resistance (corrosion rate, mdd, 5% HCl)	12.46	19.91	0.28	314.60	30.63
H ₂ SO ₄ Resistance (corrosion rate, mdd, 10% H ₂ SO ₄)	56.87	43.1	0.39	1099.82	1446.06
Bond Strength, psi	>70,000	>70,000	>70,000	N/A	N/A
Applications	<ul style="list-style-type: none"> • J-Bends • Catalyst Removal Lines • Transfer Lines • Slide Valves 	<ul style="list-style-type: none"> • Pump Impellers • Pump Casings • Regenerator Grid Nozzles • Feed Nozzles • Heat Exchanger Tubes • Slide Valves • Catalyst Removal Lines 	<ul style="list-style-type: none"> • Feed Nozzles • Regenerator Grid Nozzles • Thermowells • Slide Valves 		

Kennametal Inc.

1600 Technology Way

Latrobe, PA 15650

Tel: +1 800 446 7738

E-mail: stephan.badot@kennametal.com

www.kennametal.com