

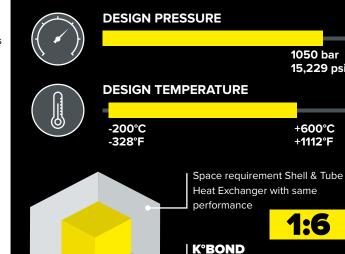


## **DIFFUSION BONDING**

Patterns are designed for each service and chemically etched on stainless steel plates.

Etched plates are stacked and welded through diffusion bonding process, converting them into one solid block of metal (core).

When required, multiple cores are welded together. Nozzles and headers are welded on cores to form final K°Bond.



**DESIGN PARAMETER** 

1050 bar

+600°C

+1112°F

1:6

Space requirement

15,229 psi

## **MARKETS**







**Supercritical** 

CO

Renewables Hydrogen



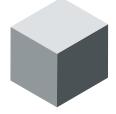
Compression

**FSRU** 

Plate with

etched channels









Single plates







- ✓ Available in stainless steel 304L & 316L
- ✓ Designed as per ASME rules, CE-marked and/or U-stamped