



Ethanol (C₂H₆O) is a chemical compound of carbon (C), hydrogen (H₂) and oxygen (O₂) and it is obtained through the fermentation of the sugars present in vegetables. It is water soluble, and it is member of a group of organic chemicals called alcohols (ethyl alcohol). Ethanol has a melting point of -114.1°C and a boiling point of 78.2°C. It is a biofuel used to reduce pollutant emissions and dependence on fossil fuels. It is also used in the pharmaceutical, cosmetic, food & beverage industries and in cleaning chemicals.

C₂H₆O service comes with some challenges as high flammability and reactivity.

Vinco ball valves are designed to operate in ethanol service with high levels of tightness, fire safe design incorporated and compatible materials to ensure chemical compatibility, safety and reliability.

BILL OF MATERIALS					
ENCLOSURE	BALL	STEM	SEATS	SEALS	PACKING
STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	LOW TEMPERATURE < -50 °C		
			TFM 1600	PTFE GRAPHITE	TFM 1600 GRAPHITE
			ROOM TEMPERATURE		
			C-RPTFE	C-RPTFE GRAPHITE	FKM GRAPHITE

FEATURES		
Self-adjust live loaded packing ISO 5211 adapter	Double encapsulated body seals Firesafe certified	Fugitive emissions design Anti-static ATEX design

CRYOGENIC RANGE	INDUSTRIAL RANGE
CXF / CCF	XF / CF