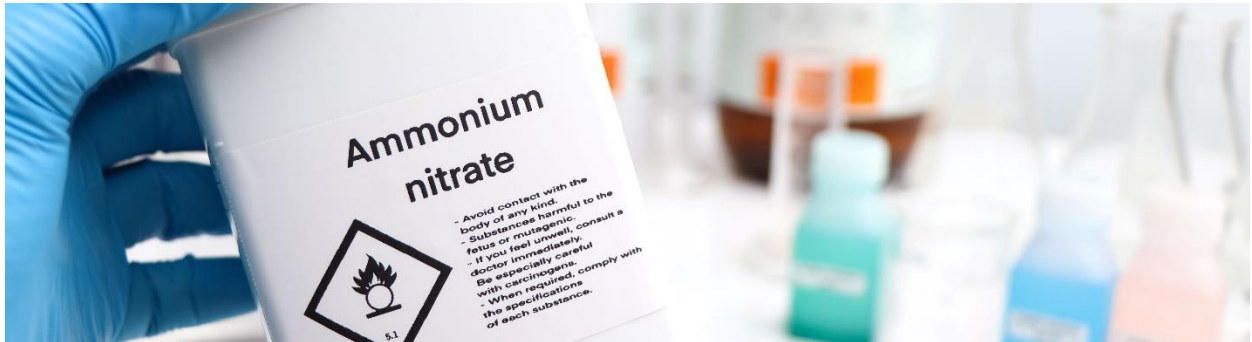
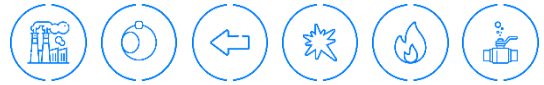


Ammonium Nitrate (NH₄NO₃) Floating Ball Valves



Ammonium Nitrate (NH₄NO₃) is a chemical compound of nitrogen (N), hydrogen (H₂) and oxygen (O₂), produced by neutralizing nitric acid (HNO₃) with ammonia (NH₃). It is mainly used in agriculture as a high-nitrogen fertilizer and as a component of explosive mixtures in mining, quarrying, and civil construction. Ammonium nitrate service comes with some challenges as corrosion, toxicity and flammability. Vinco ball valves are designed to operate in severe ammonium nitrate service to ensure safely handling, high levels of chemical compatibility and fire safe design incorporated.

BILL OF MATERIALS					
ENCLOSURE	BALL	STEM	SEATS	SEALS	PACKING
STAINLESS STEEL (WET) CARBON STEEL (DRY)	STAINLESS STEEL	STAINLESS STEEL	C-RPTFE	C-RPTFE GRAPHITE	EPDM GRAPHITE

FEATURES		
Self-adjust live loaded packing ISO 5211 adapter Double encapsulated body seals	Upstream relief hole (WET) Unidirectional (WET)	Firesafe certified Fugitive emissions design Anti-static ATEX design

INDUSTRIAL RANGE	
XF	CF
