

BACK CHECK VALVE - SOCKET WELD

High Flow  Excelsa-Flange SERIES

These Excelsa-Flange High Flow Socket Weld Back Check valves lead the industry with up to **20% More Flow** than the nearest competitor. Back check valves provide flow protection to container openings or liquid lines where flow is intended for one direction. The valve is normally closed until pressure activates the valve when flow is directed into piping or containers causing the back check to open. When flow stops or reverses, the check returns to the closed position.

Featuring socket weld connection points, these valves are ideally suited for inline applications where welded piping construction is desired, such as in a bobtail spray fill / bypass return combination line. A perfect companion to the MEC Excelsa-Flange product line. Only available with metal-to-metal seat due to high heat associated with socket weld construction/installation.



FEATURES

- Up to 20% More Flow than nearest competitor
- Maximum flow achieved by full port and increased stem travel design
- Integral breakaway feature leaves valve assembly intact
- All stainless steel internal components
- High temperature Inconel spring withstands heat from welding

Part No.	Inlet Socket Weld	Outlet Socket Weld	Propane Flow @ 10 PSIG Pressure Differential	Weight (lbs.)
ME870SW-16	2" Female	2" Male	189	1.77
* Rated for LP-Gas & NH ₃				

Liquid Butane Capacity = Flow Rate x .94

Liquid Anhydrous Ammonia Capacity = Flow Rate x .90

