FLO-TITE™ valves & controls

STEAM JACKET SERIES

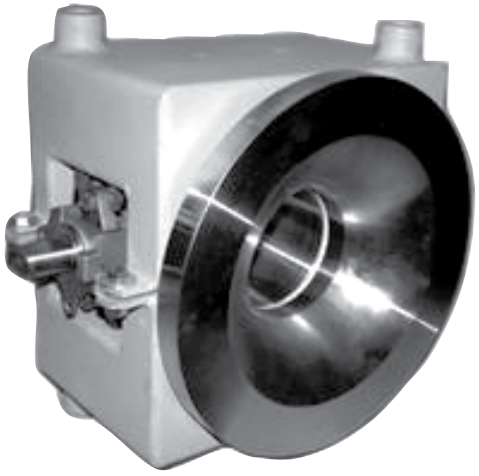
Flo-Tite's valve jackets are designed for chemical service where absolute control of fluids is required within a specified temperature range. With special preparation, these valves can be used for severe and hazardous chemical service.

Flo-Tite offers various types of jacketed valves for handling highly viscous materials or materials that solidify at ambient temperatures. Our steam jackets can be used with steam, hot oil or other heat transfer media.

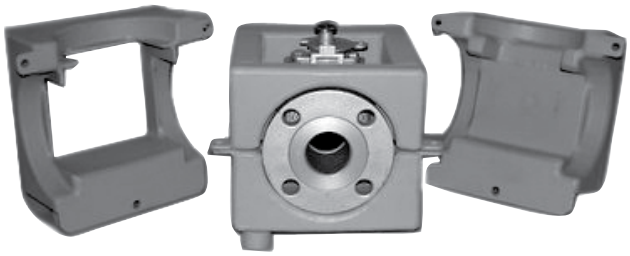
The steam jacket system insures free flow through the valve and prevents clogging when valve is in the closed position.
Standard steam jackets are rated for heat transfer media pressures up to 150 psi.

Standard arrangement for jacket connections is side and bottom connection on each half of the two-piece jacket and two side connections, and bottom connection with weld-on full jacket designs. Socket weld and weld nipple stubs are also available.

Valve Size	Connection
1/2" - 2"	1/2"
3" - 6"	3/4"
8" - 12"	1"



Flush Bottom Tank Valve



3 & 4 Way Multi-Port Design

Service Applications	
Asphalt	Resins
Wax	Syrup
Chocolate	Jam
Tar	Glue

Jacket Types

One Piece Full Port Body
Weld-On Full Jacket
Partial Jacket
2PC Bolt-On Jacket
Clamp-On Jacket

FLO-TITE valves & controls

Latest Valve Technology for Valves Requiring Jackets

Flo-Tite's new Kompact Flanged Wafer Ball is one of the valve industries lowest cost and easiest to Jacket ball valves

Narrow End to End
Reduces Jacketing Cost

Kompact

One Piece Full Port Body

Allows full jacket with standard flanges
No body seal leaks
Allows for valve repair with no need to remove jacket
available with both standard ball and V-port control ball.

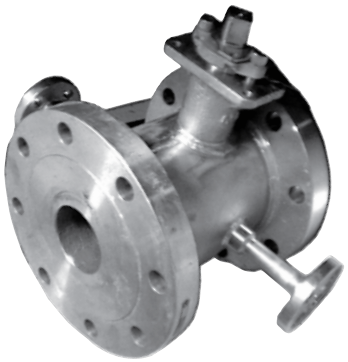
Weld-on Full Jacket

The full jacket extends from one flange to the other. Normally furnished with oversized flanges. Fully jacketed flange valves may have modified flanges with blind tapped stud holes in place of the ordinary bolt holes.

Full Jacket

Partial Jacket

Available on the reduce port valve. The jacketing is applied just to the center section of the valve. The partial jacket is generally specified to allow the use of standard flanges and retain conventional flange bolting.



Partial Jacket

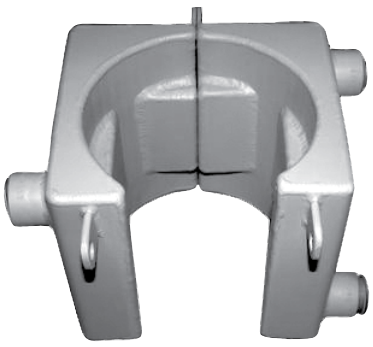
Two-Piece Bolted Design

Ease of Installation
Removable for Valve Repair
Jacket can be reused in the event the basic valve has to be replaced
The flow of heat transfer doesn't have to be shut down, when the jacket remains connected
Eliminates the need for oversize flanges when fully jacketing is required

Bolt-on Jacket

Clamp-on Jacket

Offers flexibility not available in the other configerations. Clamp-on jacketing can be applied to valves already in service, or can be removed and reinstalled on a replacement valve. Similar to the bolt on jacket except not a custom fit to a particular valve more universal in nature



Clamp-on Jacket

Custom Design Jacket

Custom fabricated to customer specifications, with custom end fittings, connections, materials and dimentions.

FLO-TITE valves & controls
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