



OIL STATES PIPER VALVE

# Series SF Hot Stab Assemblies

## QUICK & SECURE CONNECTIONS FOR SUBSEA SERVICE

### Designed for High-Pressure/High-Flow Service

Oil States Piper Valve Series SF High-Pressure Hot Stabs offer the following features:

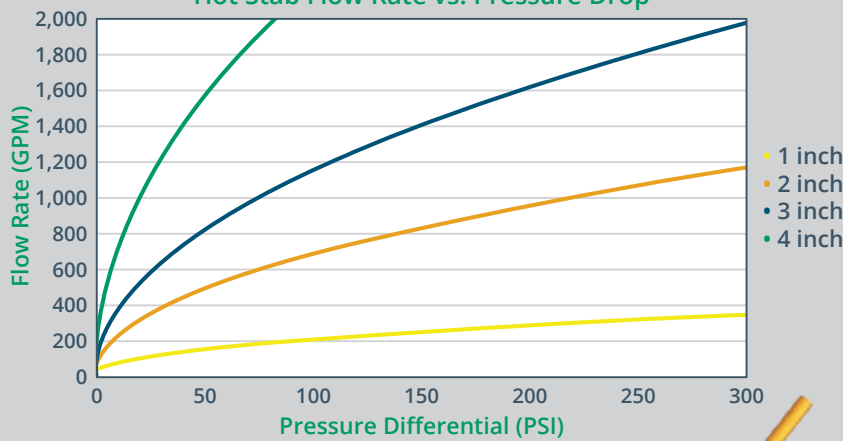
- Swivel Flange Weld Connection eliminates two welds required on competitive products. Weld nipples can be shipped in advance of the hot stab assembly, allowing fabrication of subsea equipment to proceed while manufacturing the assemblies.
- Swivel Flange Connection allows for easy removal of the receptacle after decommissioning, for re-use on other subsea equipment.
- Piper Hot Stab Assemblies use the same male stab for either single or double sided receptacles.
- Male Stab Swivel Collar allows for rotation of the stab handle into the receptacle J-slot without rotating the stab seals.
- Male Stab Handle is available in a variety of common subsea designs to meet customer requirements.
- Receptacle can easily be converted to single or double sided, by the customer, even in the field.
- Available in sizes 1" thru 4"      • Working pressures of ANSI 2500, API 10000 & API 15000.

### MODULAR SYSTEM HOT STAB DESIGN

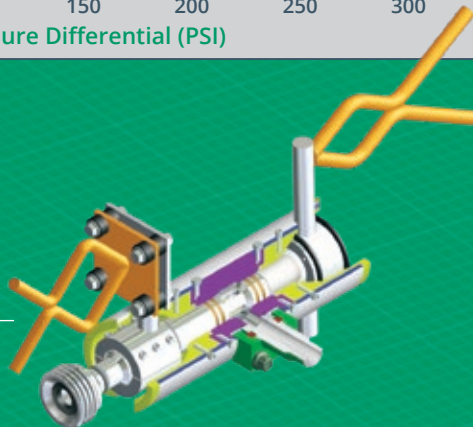
Oil States Piper Valves' Series "SF" Hot Stab receptacle is comprised of finished machine components that require no fabrication. Our receptacle body is the same for single or double sided configurations, so the customer has the flexibility to make changes to their hot stabs up to the point of deployment. In addition, Oil States Piper Valve receptacles can be easily removed from decommissioned equipment by removing the bolts on the outlet swivel flange connection. A new outlet connection kit can be ordered, and the receptacle can be installed on new subsea equipment.

Our single sided and double sided receptacles use the same male stab, pressure plugs, and dummy stabs so there is no need for additional male stab inventory.

Hot Stab Flow Rate vs. Pressure Drop



1" 10,000 psi Double Sided Assembly with Debris Cap





OIL STATES PIPER VALVE

# Series SF Hot Stab Assemblies

## Low-Pressure Hot Stab Assemblies

### Designed for Low-Pressure/High-Flow Service

Oil States Piper Valve Series SF Low-Pressure Hot Stabs offer the following features:

### Service Applications

- Buoyancy Modules for Hybrid Riser Systems
- Suction Piles



### HIGH PERFORMANCE IN AN ECONOMICAL DESIGN

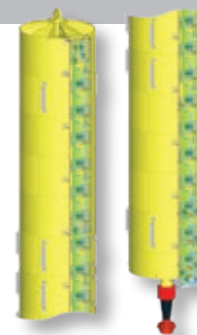
Oil States Piper Valve designed our low-pressure hot stab assembly to be an economic alternative to using high-pressure hot stabs for low-pressure applications.

Features include:

- Receptacle is machined from Stainless Steel casing and outlet connection is cold-extruded to eliminate the weld-let.
- Receptacle liner is available in acetyl or Stainless Steel.
- Screened cage welded to the end of the receptacle allow seawater to enter the receptacle from both the flooding stab and receptacle, reducing flooding time.

Stab assemblies include:

- Flooding Stabs - for initial filling of chambers.
- Male Stabs- for filling chambers with fresh water or nitrogen.
- Pressure Plugs - act as secondary barrier, eliminating one ball valve.
- Dummy Plugs - installed in receptacle to prevent marine growth on sealing surfaces.



### OIL STATES INDUSTRIES

VALVE SYSTEMS | Oil States Piper Valve

Sales, Service, Engineering & Manufacturing  
NORTH AMERICA  
1020 E. Grand Boulevard  
Oklahoma City, Oklahoma 73129 USA  
Tel +1 405 671 2000

Your Local Piper Representative

[valve.systems@oilstates.com](mailto:valve.systems@oilstates.com)

[oilstates.com](http://oilstates.com)

