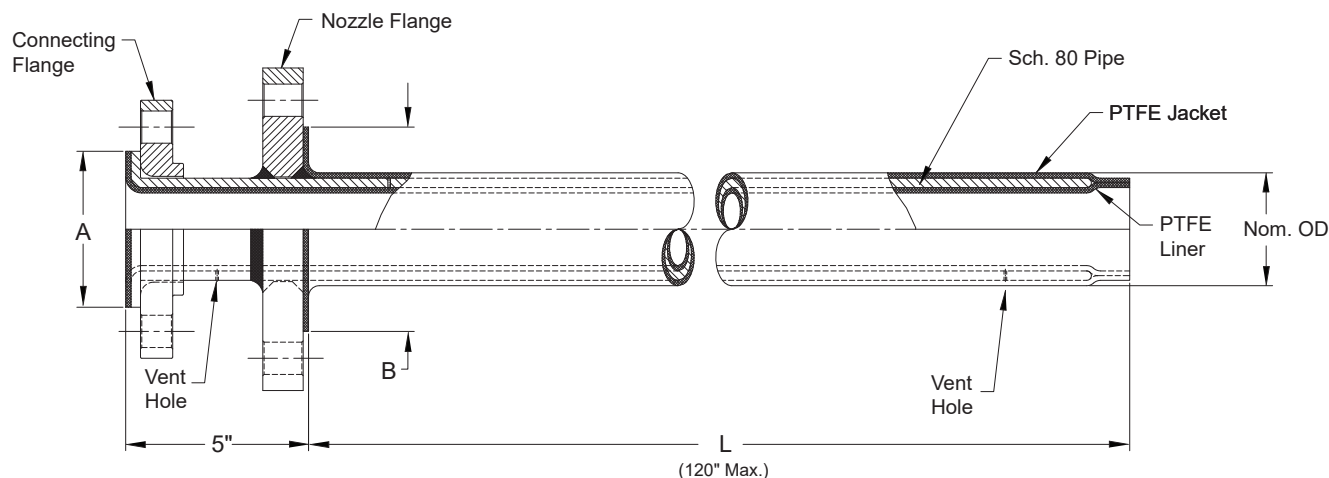


PTFE-Lined and Jacketed Dip Pipes

Lined and Jacketed with PTFE for Loading, Unloading and Decanting
 (Note: Standard liner and jacket color is black)



Resistoflex Dip Pipes are designed to provide the ultimate in corrosion-resistant, non-contaminating construction to 350°F for loading vessels below the liquid level, and decanting and unloading without the need for bottom outlets. The maximum recommended operating pressure is 150 psi.

They are designed to withstand high mechanical loads imposed by mixing or agitation in process vessels and reactors. The schedule 80 steel pipe (also available is SS, Alloy 20, Hastelloy, etc.) is protected from corrosion by an extruded, high density, chemically inert PTFE liner and jacket which are fused together at the bottom. Both the liner and the jacket are applied in a manner which compensates for thermal expansion, using the Resistoflex Thermalok process.

Warning: Exceeding the maximum recommended service temperature and/or pressure, or recommended unsupported length can result in premature failure and personnel and/or equipment hazard.

Dimensional Data						
Part #	Pipe & Connecting Flange Size	Nozzle Flange Size	Min. Diameter of Jacket Gasket Seal, "B"	Diameter of Liner Gasket Seal, "A"	Nominal O.D.	Max. Recommended Length** Ft.
R6808-16-L	1/2	1	1 7/8	1 3/8	1	3
R6816-24-L	1	1 1/2	2 3/4	2	1 7/16	4
R6824-32-L	1 1/2	2	3 1/2	2 7/8	2 1/64	5
R6832-48-L	2	3	4 3/8	3 5/8	2 1/2	6
R6848-64-L	3	4	5 7/16	5	3 5/8	8

" L " = 120" max.

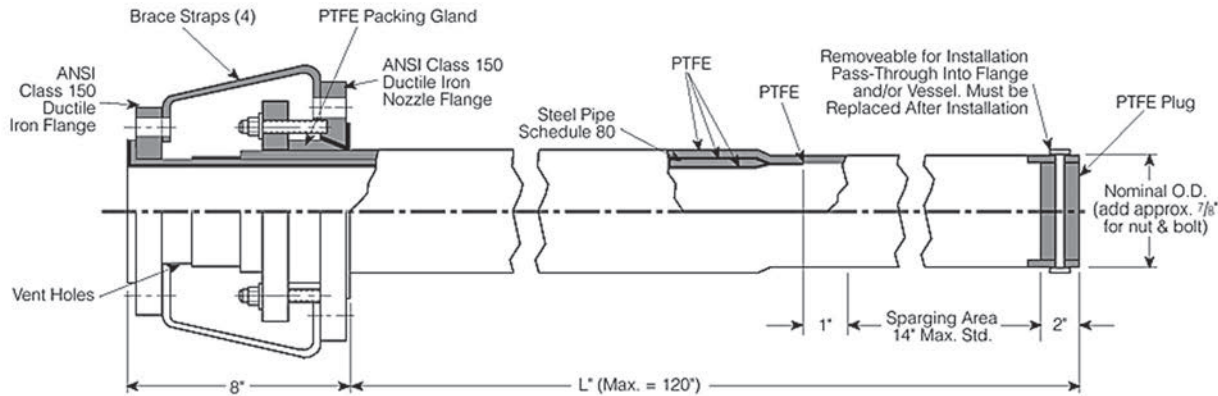
**Recommended maximum length for mild agitation is shown as a general guide for liquids having about the same density and viscosity as water. For longer lengths, or more severe operating loads (density, viscosity and velocity of fluid at the pipe), a larger size of internal bracing should be employed.

Note: The nozzle flange sizes shown are the only sizes available. To connect a dip pipe to a larger nozzle, a reducing flange must be used. Use Resistoflex Reducing Flanges (seen on Page 65) to adapt for larger nozzles.

Solid PTFE dip pipes and spargers are also available.

PTFE-Lined and Jacketed Spargers

Lined and Jacketed with PTFE for Injecting Steam & Other Vapors.



Resistoflex Spargers for injecting steam and other vapors below the liquid level are designed to be highly resistant to mechanical fatigue and thermal shock, and provide the ultimate in corrosion-resistant, non-contaminating construction to 350°F.

Resistoflex Spargers use schedule 80 pipe, lined and jacketed with PTFE and are designed to withstand the high mechanical loads associated with mixing or agitation in reactors or other process vessels. An external heavy wall PTFE tube is then applied which extends beyond the weld of the lined and jacketed steel reinforcement to provide a sparging section at the bottom. A PTFE plug, held by PTFE bolts and nuts, is installed at the end of this heavy tube and minimizes corrosion deposits and its nonstick surface retards buildup of precipitated solids at the orifices. Good erosion resistance maintains contamination free service. The packing gland provides gas-tight seals up to 50 psi.

Warning: Exceeding the maximum recommended service temperature and/or pressure, or recommended unsupported length can result in premature failure and personnel and/or equipment hazard.

Dimensional Data				
Part #	Pipe & Connecting Flange Size	Nozzle Flange Size	Nominal O.D.*	Max. Recommended Unsupported Length** Ft.
R671632-L-XX	1	2	1 15/16	4
R672448-L-XX	1 1/2	3	2 9/16	5
R672464-L-XX	1 1/2	4	2 33/64	5
R673264-L-XX	2	4	3	6
R674864-L-XX	3	4	4 1/8	8
R674896-L-XX	3	6	4 1/8	8

Note: The nozzle flange sizes shown are the only sizes available. To connect a sparger to a larger nozzle, a reducing flange must be used. Contact factory for more information as not all standard reducing flanges are suitable.