

ANSI PRESSURE CLASS & PSI CHART FOR CARBON STEEL AND STAINLESS STEEL VALVES

This chart is for quick reference only. It is critical to know what pressure your valve is rated for before putting it in line. Simply grabbing a valve from inventory and putting it on a pipe can be dangerous for you, your coworkers, and anyone else who visits the site.

Flange valves are rated based on the ANSI Pressure Rating System. ANSI (American National Standards Institute) is the body that establishes the measurement standards in the United States. ANSI works along with the ASME (American Society of Mechanical Engineers) to identify and communicate safe standards for a variety of mechanical measures.

This chart shows the ANSI Class and corresponding maximum PSI for Carbon Steel and Stainless Steel Valves.

For further assistance please contact your local Kimray representative.

Class	Carbon Steel	Stainless Steel
150	285 psi	275 psi
300	740 psi	720 psi
600	1480 psi	1440 psi
900	2200 psi	2160 psi
1500	3705 psi	3600 psi

