

COUPLING DATA CHART NOTES

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NOMINAL SIZE	O.D.	MAX. WK. PRESSURE	MAX. END LOAD	RANGE OF PIPE END SEPARATION	DEFLECTION FROM CL		COUPLING DIMENSIONS			COUPLING BOLTS		SPECIFIED TORQUE		APPROX. WT. EA.
					PER COUPLING	PER IN./FT.	X	Y	Z	QTY.	SIZE	MIN.	MAX.	
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	Degrees	mm/m	In./mm	In./mm	In./mm		In./mm	Ft.-Lbs/N-M		Lbs./Kg
1	2	3	4	5	6		7			8	9		10	

1 Gruvlok Couplings are identified by either the nominal ANSI pipe size in inches or pipe O.D. in millimeters (see column 2).

2 Nominal Outside Diameter of Pipe.

3 Maximum line pressure, including surge, to which a joint can be subjected. Working pressure ratings are based on standard wall steel pipe with standard cut or roll grooves in accordance with Gruvlok specifications. For Performance Data on other than standard wall pipe, refer to Technical data section.
NOTE: For one time field test only the maximum joint working pressure may be increased to 1.5 times the figure shown.

4 Maximum end load from all interior and/or exterior forces to which the joint can be subjected are based on standard wall steel pipe with standard cut or roll grooves in accordance with Gruvlok specifications.

5 Range of pipe end separation is the gap between the pipe ends due to assembly.

6 Maximum allowable angular deflection of pipe from centerline when using standard cut grooved steel pipe. For details see design factors in Gruvlok Technical data section.

7 "X", "Y", and "Z" are external dimensions for reference purposes only.

8 The quantity of bolts equals the number of housing segments per coupling.

9 Nuts must be tightened alternating and evenly to the specified bolt torque. See individual product installation instructions for additional important information.

10 Approximate weight for a fully assembled coupling with gasket, bolts, and nuts.