

## Piping Material Specification

NOMINAL SIZE		IN	½"	¾"	1"	1½"	2"	3"	4"	6"	8"		
		mm	15	20	25	40	50	80	100	150	200		
PIPES	Schedule	Sch 160		Sch 80			Sch 40						
	Material	A106 Gr.B,Seamless											
	End Connection	PE					BE						
	Joint Type	SW					BW						
	Dimensional std.	ANSI B 36.10											
FLANGES	Type	SWRF					WNRF						
	Rating	150# /300#											
	Material	A105											
	Dimensional std.	ANSI B16.5											
BLIND FLANGES	Type	BLRF											
	Rating	150# /300#											
	Material	A105											
	Dimensional std.	ANSI B16.5											
FITTINGS	Type	SW / TH					BW						
	Sch./Rating	3000#					Sch40						
	Material	A105					A234 WPB						
	Dimensional std.	ANSI B 16.11					ANSI B 16.9						
PIPE NIPPLES	Type	One / Both End Thre-NPTM											
	Schedule	Sch 80											
	Material	A106 Gr. B											
	Dimensional std.	ANSI B36.10											
HEX NIPPLES	Type	One / Both End Thre-NPTM											
	Schedule	3000#											
	Material	A105											
	Dimensional std.	ANSI B 16.11											
GASKETS	Type	Spiral Wound											
	Thikness	4.5 mm Thickness											
	Material	Spiral SS 304 + PTFE Filled with Inner & Outer Centeing Ring											
	Dimensional std.	ANSI B16.20											
BOLTING	Stud	Full Thredolet -Zn Plated											
	Material	ASTM A 193 Gr.B7											
	Dimensional std.	ANSI B 18.2.1											
	Nut	Heavy Hexagonal Nut-Zn Plated											
	Material	ASTM A 194 Gr.2H											
WASHER	Dimensional std.	ANSI B 18.2.2											
		Galvanized MS Punched,Plain Washers Other Dimension As Per Manufacturer Standard											
BRANCH	Size & Con.	As Per Chart No. A											
	Material	ASTM A105											
	Dimensional std.	ANSI B 16.11											

