



PIPING SYSTEM PTE LTD

Pipeline Material and Equipment Experts

DRAWING NO.:

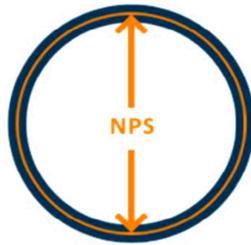
PIPE-4-6.02-SS-ASTM A312 GRADE TP316/316L-20260303

DRAWING DATE:

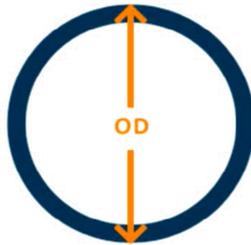
03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-4INCHES-SCH40S(6.02MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP316/316L-BE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	54			1000	M

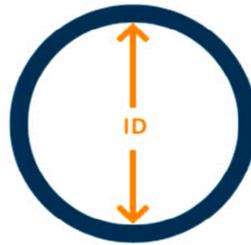
PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

STANDARD	ASTM A312 GRADE TP316/316L						kg	kg	m ³ (in mm)						
NAME	MATERIAL	NPS	OD INCH(ES)	OD	ID	WT	METER WEIGHT	TOTAL WEIGHT	PROCESS	TOTAL VOLUME	HIC	IGC	MTC TYPE	REFERENCE HS CODE	
PIPE	SS	100	4	114.30	102.26	6.02	16.08	16080.00	SMLS	13.06	N/A	IGC	MTC3.1	7304 1130.00	

MATERIAL STANDARD: ASTM A312 GRADE TP316/316L Chemical element composition content (%)

COMPONENT	C	Si	Mn	P	S	Cr	Ni	Mo
Max	-	-	-	-	-	16	10	2
Min	0.035	1	2	0.045	0.03	18	14	3

ASTM A312 GRADE TP316/316L Mechanical Properties

Tensile Strength	Yield Point
σ_b	σ_s
Mpa	Mpa
≥485	≥170

	PIPING SYSTEM PTE LTD				
	Https://PIPING.cn				
	Tel:+86-17600050068				
	BASED IN SINGAPORE, PIPING THE WORLD				
DRAWING	Hubiao	AUDIT	王健	APPROVAL	李斌