

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

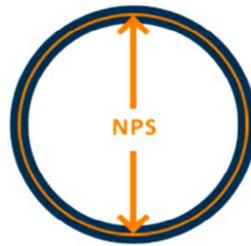
DRAWING NO.:

PIPE-6-7.11-SS-ASTM A312 GRADE TP304/304L-20260303

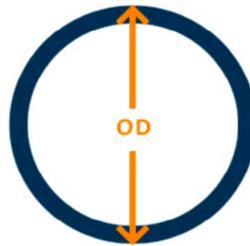
DRAWING DATE:

03-Mar-2026

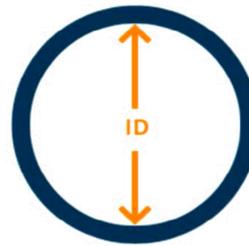
INQUIRY NO.:	OR999999	Description	PIPE-6INCHES-SCH40S(7.11MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP304/304L-BE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	56			1000	M

PIPE&TUBE DRAWING AND DIMENSIONS DATA

Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

STANDARD	ASTM A312 GRADE TP304/304L						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	150	6	168.30	154.08	7.11	28.26	28260.00	SMLS	28.32	N/A	IGC	MTC3.1	7304 1120.00	

MATERIAL STANDARD: ASTM A312 GRADE TP304/304L Chemical element composition content (%)

COMPONENT	C	Si	Mn	P	S	Cr	Ni
Max	-	-	-	-	-	18	8
Min	0.035	1	2	0.045	0.03	20	12

ASTM A312 GRADE TP304/304L Mechanical Properties

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

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