



PIPING SYSTEM PTE LTD

Pipeline Material and Equipment Experts

DRAWING NO.:

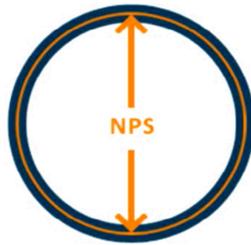
PIPE-8-12.7-SS-ASTM A312 GRADE TP304/304L-20260303

DRAWING DATE:

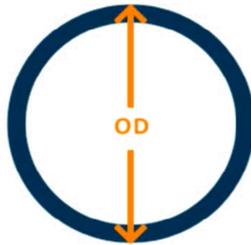
03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-8INCHES-SCH80S(12.7MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP304/304L-BE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	72			1000	M

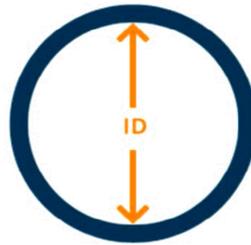
### PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

STANDARD	ASTM A312 GRADE TP304/304L						kg	kg	m <sup>3</sup>			(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	200	8	219.10	193.70	12.70	64.64	64640.00	SMLS	48.00	N/A	IGC	MTC3.1	7304 1110.00	

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
$\sigma_b$	$\sigma_s$
Mpa	Mpa
≥485	≥170

	<b>PIPING SYSTEM PTE LTD</b>				
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	BASED IN SINGAPORE, PIPING THE WORLD				
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