

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

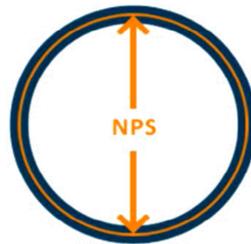
DRAWING NO.:

PIPE-3-2.11-SS-ASTM A312 GRADE TP316/316L-20260303

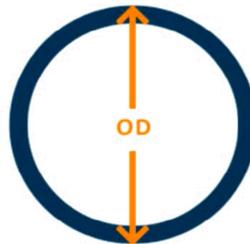
DRAWING DATE:

03-Mar-2026

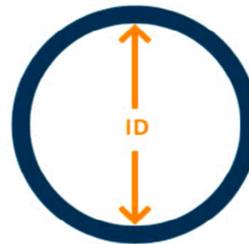
INQUIRY NO.:	OR999999	Description	PIPE-3INCHES-SCH5S(2.11MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP316/316L-PE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	8			1000	M

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	80	3	88.90	84.68	2.11	4.52	4520.00	SMLS	7.90	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**

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BASED IN SINGAPORE, PIPING THE WORLD

DRAWING

HuBiao

AUDIT

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APPROVAL

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