

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

DRAWING NO.:

TUBE-1¼-4.85-SS-ASTM A312 GRADE TP316/316L-20260303

DRAWING DATE:

03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-1¼INCHES-SCH80S(4.85MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP316/316L-PE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	63			1000	M

PIPE&TUBE DRAWING AND DIMENSIONS DATA

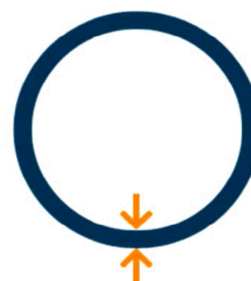
Nominal Pipe Size



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
TUBE	SS	32	1¼	42.20	32.50	4.85	4.47	4470.00	SMLS	1.78	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

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	BASED IN SINGAPORE, PIPING THE WORLD				
DRAWING	HuBiao	AUDIT	王建	APPROVAL	李以