

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

DRAWING NO.:

PIPE-5-2.77-SS-ASTM A312 GRADE TP316/316L-20260303

DRAWING DATE:

03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-5INCHES-SCH5S(2.77MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP316/316L-PE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	11			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	125	5	141.30	135.76	2.77	9.46	9460.00	SMLS	19.97	N/A	IGC	MTC3.1	7304 1120.00

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

王建

APPROVAL

李以