

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

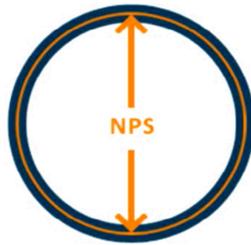
DRAWING NO.:

PIPE-3½-2.11-SS-ASTM A312 GRADE TP304/304L-20260303

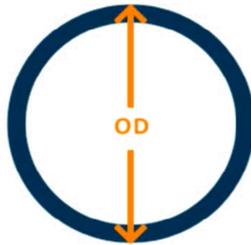
DRAWING DATE:

03-Mar-2026

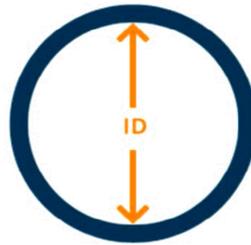
INQUIRY NO.:	OR999999	Description	PIPE-3½INCHES-SCH5S(2.11MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP304/304L-PE-ASME B36.19M-NACE MR0175	QTY	UNIT
ITEM NO.:	9			1000	M

**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	90	3½	101.60	97.38	2.11	5.18	5180.00	SMLS	10.32	N/A	IGC	MTC3.1	7304 1130.00	

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

**PIPING SYSTEM PTE LTD**

Https://PIPING.cn

Tel:+86-17600050068

BASED IN SINGAPORE, PIPING THE WORLD

DRAWING

HuBiao

AUDIT

王健

APPROVAL

李斌