

**PIPING SYSTEM PTE LTD**

Pipeline Material and Equipment Experts

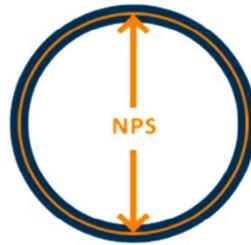
DRAWING NO.:

PIPE-5-6.55-SS-ASTM A312 GRADE TP316/316L-20260303

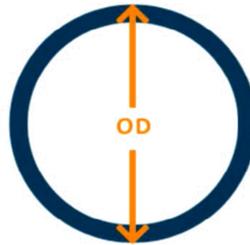
DRAWING DATE:

03-Mar-2026

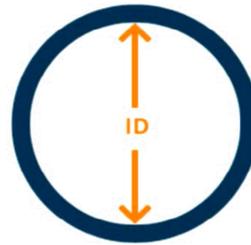
| | | | | | |
|--------------|----------|-------------|---|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-5INCHES-SCH40S(6.55MM) WALL THICKNESS-SMLS-SS-ASTM A312 GRADE TP316/316L-BE-ASME B36.19M-NACE MR0175 | QTY | UNIT |
| ITEM NO.: | 55 | | | 1000 | M |

PIPE&TUBE DRAWING AND DIMENSIONS DATA

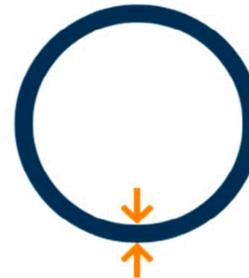
Nominal Pipe Size



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 | 128.20 | 6.55 | 21.77 | 21770.00 | 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

王健

APPROVAL

李以