



Steel Pipes

Line pipe and OCTG are the principal products of Impresit. In addition to these, it can supply pipes of various specifications after domestic and foreign standards which mainly include boiler tube, mechanical pipe, cylinder pipe, structural pipe, perforating gun pipe, non-round pipe, as well as others. The product quality is reliable and can meet the technical requirements of all relevant industries. Besides producing as per general standards, it can provide products of higher standard as required by users.

Seamless and welded tubes for line pipe

Line pipes are used to transport oil and gas, water, mineral slurry and other fluids. Our line pipes are manufactured in accordance with API Spec 5L. Impresit supplies various line pipes including SSAW, LSAW, ERW and seamless line pipes.

Standards:

API 5L latest edition (PSL1 & PSL2): GR. B, X-42 to X80 ASTM A-106: GR. A, B, C

ASTM A-53: GR. A, B

ASTM A671 and ASTM A672 (stress relieved, normalized and/or tempered) all grades and classes

With supplementary requirements of NACE MR 0175 for Sour Service

EN 10208-1, EN 10217-1

Sizes:

Seamless: Outside Diameter 1/8" - 30"

ERW/HFI: Outside Diameter: 1/2" - 24"

L-SAW/SPIRAL SAW: Outside Diameter: 12" - 120"

Applicable for both Sections:

Length: 6 mtr & 12 mtr (with tolerances), SRL & DRL

Applicable Tests:

Visual and dimension test.

Hydrostatic test

Mechanical test: Tensile test / Flattening & Bending

Chemical Analysis and other tests are per API specs.

None destructive test (NDT) as per API 5L (Latest edition).

For sour services: HIC test & SSC test.

Protection:

External bare or oiled

External coated with black or anti rusty Mill Varnish

External Galvanized

External / Internal FBE, FBE Dual, 3LPE, 3LPP, coal tar enamel, tape wrap, paper wrap, cement mortar, liquid epoxy lining and glass cloth

End finishes: beveled, square cut, bell&spigot, flanged, victaulic, threaded&coupled



DATASHEET PRODUCTS

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Mill Test Certificates:

Issued upon request according to, DIN 50049 / EN 10204
Third Party Inspection can also be performed on request.

OCTG (Casing & Tubing)

Impresit supplies a complete range of Casing and Tubing both from stock and direct mill supply, tailored to suit your specific requirements.

Casing and Tubing in API Standard diameters, grades and end finishes, of both seamless and ERW manufacture.

Casing and Tubing, finished in various internationally recognized and accepted PREMIUM end finished, both threaded and coupled, and of integral "FLUSH" and "SEMI FLUSH" design.

Casing and Tubing in specialist, non API diameter's, wall thicknesses, specialist grades (such as CRA, High Collapse etc), special drifts, etc available upon request.

Lined Tubing, for specialist applications such as corrosion resistance, sucker rod wear, etc.

Drillpipe, manufactured in accordance with API Spec 5D, in most standard grades and tooljoint configurations, with options of internal coating and hardbanding.

Impresit can supply OCTG accessory equipment for use in oil, gas and water wells, typically:

Pup joints, nipples, crossovers, flow couplings etc.

Cementing jewelry, such as float shoes, float collars, stage collars, plugs, cement heads, casing centralizers etc.

Slotted and perforated tubulars, and wire wrapped screens, in carbon and stainless steels.

Sucker Rods in accordance with API 11B in most sizes, lengths and grades.

Drill collars and drill string accessories

Other specific OCTG accessory equipment can be provided upon request

Standards:

API Specification 5CT latest edition at time of manufacture (PSL-1, PSL-2, PSL, 3)

ISO 11960:2004, Petroleum and natural gas industries-Steel pipes for use as casing or tubing for wells

Sizes:

Outside Diameter: 1.660" - 30"

Grade materials:

H40, J55, K55, N80, N80Q, L80, C90, C95, T95, P110, Q125, SS95, SS110, 9%CR, 13%CR

Connections:

STC (short round thread casing)

LTC (long round thread casing)

BTC (buttress thread casing)

XL (extreme-line casing)

NUE (non-upset tubing)

EUE (external upset tubing)

IJ (integral joint tubing)

Premium Connections

And almost any premium & gas tight connection

Length:

Range 1, Range 2 & Range 3

Applicable Tests:

See our Standard Inspection Scope



Protection:

External bare and uncoated or externally coated with black/ transparent anti rust Mill varnish

Plastic or Metal Pin and Box Protectors.
Internal plastic coating or sleeves.

Mill Test Certificates:

Issued in accordance with API Specification 5CT Eighth Edition
Additional Third Party Inspection can also be performed on request.
A wide range of Casings and Tubing are available from Stock

OCTG (Drill Pipes)

Drill Pipes and sour service drill pipes are supplied in the range from 2 3/8" to 6 5/8", according to standards API 5D and API Spec. 7.

Grades E 75, X95, G105 and S135

Tool joints: NC26, NC31, NC38, NC40, NC46, NC50, NC56, 5 œ FH, 6 5/8 FH and HLDS26 to HLDS50, HLDS 5 œ to HLDS 6 5/8, others on request.

Hard Banding: Arnco 100, 200, 300, others on request

Internal Plastic Coating: Tuboscope, others on request

Heavy Weight Drill Pipes (HWDP)

According to API 7 and API RP 7G

Size Range: 3 1/2" to 6 5/8"

Hard Banding: As per request

Drill Collars

Size Range: 3 1/8" to 14" Slick or Spiral

Connections: NC 23, NC 26, NC 31, to NC 50

Hard Banding: Arnco Series, others on request

Low temp services tubes

ASTM A333 GR.6

ASTM A334 GR.6

Seamless tubes for heat exchangers, condensers, boilers

The pipes conform to standards BWG, AWG, BG, USG, ANSI B36.10, ANSI B36.19. The materials are: carbon steel, stainless steel, Cu-Ni, admiralty brass, aluminum and other special alloys to ASTM, API, BS, DIN, ISO. Size range from 1/8" to 14".

Standard and grade.

ASTM A161 Gr. A,B,C

ASTM A179 Gr. A179 low carbon steel

ASTM A192 A Gr. A192 low carbon steel

ASTM A199 Gr. T1, T11, T22, T91

ASTM A200 Gr. T5, T11, T22, T91

ASTM A209 Gr. T1, T1A, T1B

ASTM A210 Gr. A1, C

ASTM A213/ASTM A450 Gr. T2, T9, T11, T12, T22, T23, T 91

ASTM A335 Gr. P2, P9, P11, P12, P22, P23, P91

ASTM A556/A556M Gr. A2, B2, C2



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EN 10216-1/2
 DIN 17175 Gr. ST 35.8, 45.8, 15Mo3, 13CrMo4, 10CrMo910, 17Mn4, 19Mn5, 14MoV6-3
 JIS G3461 Gr. STB340, 410, 510
 JIS G3462 Gr. STBA 12, 20, 22, 23, 24, 26
 JIS 3456 Gr. STPT 370, 410, 480
 JIS 3458 Gr. STPA 12, 20, 22, 23, 24, 26
 BS3059 Gr. 360,440, 243, 620-460, 622-490

Seamless tubes for mechanical application

Size Range: from 114 mm. to 710 mm.,

Wall thickness: from 6 mm. to 100 mm.

Standard

ASTM A519/A520/A530 Gr.. 1030, 1035, 1040, 1045, 4130, 4135, 4140, 4145
 DIN 1629/2448 Gr. ST. 37, ST. 44, ST. 52
 DIN 2440, DIN 2441 Gr. ST.33
 DIN 1630
 DIN 2391 – 1/2Gr. ST. 35, ST. 45, ST. 52
 DIN 17171/2448 Gr.ST. 37.3, ST. 44.2, ST. 52.3
 DIN 17172/2448 Gr. ST E 210.7, ST. E 240.7, ST. E 290.7, ST. E 320.7
 EN 10297-1, EN 10294-1, EN 10210-1/2, EN 10220, EN 10305-1
 JIS G 3444 Gr. ST K 290, ST K 400, STK 500

Welded and seamless tubes for industrial application

Industrial pipes are used for: pipeworks, construction, bridge and crane building, manufacturing metal structures, machine-building, automotive, transporting air, water, oil, natural gas and fluids, for mechanical structures and general purpose

Standard and Grade

ASTM A252 Gr. 2/3, ASTM A500 Gr. A,B,C,D, ASTM A513, ASTM A36, ASTM A572 Gr. 50
 DIN 1615, DIN 2458
 DIN 2393 Gr. Rst34-2, Rst37-2, Rst44-2, St52
 EN 10255, EN 10219-1/2
 BS970 Gr. Carbon steel, low alloy steel

Stainless steel tubes, duplex & super duplex tubes

Stainless steel tubes and pipes are popular due to their corrosion resistance, oxidation resistance, and high temperature resistance. Other attributes of stainless steel include low maintenance costs and cleanliness.

Standard:

ASTM A213/A268/A269/A270/A312/A249/A358/A376/A409/A511/A688/A789/A790/A928/A999/A1016
 JIS G3459/G3463/G3448/G3447/G3446/G3468
 DIN 2462/2463/17456/17458
 EN 10216-5, 10217-7



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Grade:

Austenitic stainless steel

TP304, TP304H, TP304L, TP304LN

TP316, TP316H, TP316L, TP 316LN, TP316Ti

TP321, TP321H,

TP310S, TP310H, TP317L, TP347, TP347H

Ferritic & Martensitic stainless steel

405, 409, 410,420, 429, 430, 431, 439

Ferritic & austenitic stainless steel (Duplex & super duplex)

UNS S31260, S31500, S31803, S32205, S32550, S32750, S32760, S32304

Size Range:

6-711mm seamless

6.0 mm – 3000 mm welded

Wall thickness:

0.5 -35 mm seamless

0.5-65 welded

Nickel and nickel alloy tubes

These tubes are for use in condenser and heat-exchange services. The material conforms to the compositional limits of nickel, copper, molybdenum, iron, manganese, carbon, silicon, chromium, aluminium, titanium, phosphorus, cerium, zirconium, yttrium, boron, cobalt, columbium, tungsten, and nitrogen.

Standard

ASME/ASTM B127, B151, B160, B161, B162, B163, B164,B166, B167, B168, B171, B366, B408, B407, B409, B423, B424, B425, B443, B444, B446, B463, B464, B466, B468, B564, B574, B575, B626, B637, B 668, B677, B775, B829, B865, B805, B815, B818,B829

Grade

MONEL 400, INCONEL 600, UNS 10276, UNS 2200, UNS 2201, UNS 4400, UNS 4405, UNS5500, UNS 6600, UNS 6601, UNS 6617, UNS 6625, UNS 6985, UNS 6690, UNS 7718, UNS 7750, UNS 8028, UNS 8800, UNS 8810, UNS 8811, UNS 8825, UNS 9925, UNS 8020, UNS 6022, UNS 10276, UNS 7080, UNS 70600, UNS71500, Haynes150

Size

Od: 10-76mm

Thickness: 1-7mm

Length: 12000 mm max

