



API X52 PSL 1 – PSL2 Carbon Steel Seamless Pipes



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Introduction

Victor Steel Corporation is a prominent name in manufacturing and exporting of high quality of API & Carbon Steel Seamless Pipes & Tubes in India. Victor Steel Corporation offers a commendable range of **API & API Pipe X52 PSL 1 – PSL 2 Carbon Steel Seamless Pipes & Tubes** for the prestigious clients with competitive price, we at Victor Steel Corporation have the manufacturing capability & production flexibility to respond to the most dynamic & complex needs of our customers

API X52 PSL 1 Carbon Steel Seamless Pipes



API X Grades – some of the sturdiest pipes and tubing available designed for extreme environments or exceedingly high pressure environments

| Type | Carbon Steel API 5L Gr. X52 Seamless Pipe | | | | | |
|----------------|---|------------------|----|---|-------------|----|
| Pipe Size | Sizes | (Seamless): 1/2" | NB | - | 60" | NB |
| | Sizes | (ERW): 1/2" | NB | - | 24" | NB |
| | Sizes (SAW): 16" NB - 100" NB | | | | | |
| Wall Thickness | SCH10,SCH20,SCH30,STD,SCH40,SCH60,XS,SCH80,SCH100,SCH120, SCH140,SCH160,XXS DIN, JIS standard thickness | | | | | |
| Length | Fixed: | 5.8, 6.0, | | | 11.8, 12.0m | |
| | Random length: 5-12m | | | | | |

| | |
|----------------------------|--|
| Standard | ASTM A53, A106, API 5L, ASME B36.10M-1996 DIN1626, DIN1629, DIN17175, DIN 2448 JIS G3452, JIS G3454, JIS G3455, JIS G3456, JIS G3457, JIS G3461 |
| Material | Q235, Q345, A53B, A106B, API 5L B, X42, X46, X52, X60, X65 ST37.0, ST35.8, St37.2, St35.4/8, St42, St45, St52, St52.4 STP G38, STP G42, STPT42, STB42, STS42, STPT49, STS49 |
| Application | Low and middle pressure fluid pipeline, boiler, petroleum and natural gas industry, drilling, chemical industry, electric industry, shipbuilding, fertilizer equipment and pipeline, structure, petrochemical, pharmaceutical industry |
| Surface | Black painting, varnish paint, anti rust oil, hot galvanized, cold galvanized, 3PE |
| Package | Plastic caps on both ends, Steel bundle, Woven bag or acc. to customers' request |
| MOQ | 1 ton |
| Production Capacity | 5000 T/M |
| Delivery Time | Within 2 Weeks |

| | |
|--|--|
| High Temperature Seamless Pipe | ASTM A106 Gr. B/C, API 5L Gr. B, ASTM A53 Gr. B |
| Heat Exchanger Seamless Tube | ASTM A179 |
| Low Temperature Seamless Pipe | ASTM A333 Gr. 3/6 |
| Low Temperature Seamless Tube | ASTM A334 Gr. 6 |
| High Yield Seamless Pipe | API 5L Gr. X42/X46/X52/X56/X60/X65/X70/X80 PSL-1/PSL-2 |
| High Yield Seamless Pipe | ISO 3183 Gr.L245, L290, L320, L360, L390, L415, L450, L485 |
| Atmospheric & Low Temp EFW Pipes | ASTM A671 Gr. CC60/CC65/CC70 |
| High Pressure & Moderate Temp EFW Pipes | ASTM A672 Gr. B60/B65/B70/C55/C60/C65/C70 |
| High Yield ERW/SAW Pipe | API 5L Gr. X42/X46/X52/X56/X60/X65/X70/X80 PSL-1/PSL-2 |
| High Yield ERW/SAW Pipe | ISO 3183 Gr.L245, L290, L320, L360, L390, L415, L450, L485 |

Additional Testing :

NACE MR0175, NACE TM0177, NACE TM0284, HIC TEST, SSC TEST, H2 SERVICE, IBR, etc.

Dimensions :

All Pipe is manufactured and inspected/tested to the relevant standards including ASTM, ASME, API.

This specification covers seamless and welded steel line pipe. It includes standard-weight and extra-strong threaded line pipe. It includes standard-weight and extra-strong threaded line pipe; and standard-weight plain-end, regular-weight plain-end, special plain-end, extra-strong plain-end, special plain-end, extra-strong plain-end pipe; as well as bell and spigot and through-the-flow line(TFL) pipe.

API X52 PSL 2 Carbon Steel Seamless Pipes

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| CHEMICAL COMPOSITION | | | | | | | | | | | |
|---|-------|-------|------|-------|-------|----|----|-------|-------|-------------------|------|
| Mass fraction, based upon heat and product analysis % maximum | | | | | | | | | | CARBON EQUIVALENT | |
| | | | | | | | | | | a | |
| | | | | | | | | | | % MAXIMUM | |
| Cb | Si | Mnb | P | S | V | Nb | Ti | Other | CEIIW | CEPcm | |
| SEAMLESS & WELDED PIPES | | | | | | | | | | | |
| L485Q or X70Q | 0.18f | 0.45f | 1.8f | 0.025 | 0.015 | g | g | g | h | 0.43 | 0.25 |
| WELDED PIPE | | | | | | | | | | | |
| L485M OR X70M | 0.12f | 0.45f | 1.7f | 0.025 | 0.015 | g | g | g | h | 0.43f | 0.25 |

| MECHANICAL REQUIREMENTS | | |
|-------------------------|-------------|------------|
| Y.S | T.S | ELONGATION |
| Mpa(psi) | Mpa(psi) | |
| min | min | min |
| 485(70 300) | 635(92 100) | f |

| IMPACT TEST | |
|----------------------|----------------------|
| AVG. ABSORBED ENERGY | IND. ABSORBED ENERGY |
| Min.(joules) | Min.(joules) |
| 27 | 20 |

- Unless otherwise agreed, the sum of th niobium & vanadium concentrations shall be = 0.06%
- Unless otherwise agreed, 0.50% maximum for copper, 0.30% maximum for nickel, 0.30% maximum for chromium, & 0.15% maximum for molybdenum.
- The sum of th niobium & vanadium & titanium concentrations shall be =0.15%

- Unless otherwise agreed, 0.50% maximum for copper, 0.30% maximum for nickel, 0.30% maximum for chromium, & 0.15% maximum for molybdenum.
- Unless otherwise agreed g unless otheriwse agreed the sum of th niobium & vanadum & titanium concentrations shall be =0.15%

CONTACT US

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