

Coiled Carbon Steel X-Grade Line Pipe

DISTRIBUTION
NOW

PRODUCT OVERVIEW

As Global Tubing's Distribution Partner, DistributionNOW has added Coiled Carbon Steel X-Grade Line Pipe to our portfolio of customer solutions that will reduce time to market. This product offers an innovative solution designed to enhance the efficiency of our customers while also providing cost savings, minimized safety risk, and decreased environmental impact. Coiled line pipe combines trusted steel pipe grades with highly efficient spoolable deployment.

Coiled line pipe is an ideal solution for many oilfield applications, the most common being temporary and permanent onshore (production well flowlines, water and gas injection lines, fuel lines) and offshore (subsea flowlines and pipelines, chemical injection and service lines, umbilical tubing strings) installations.

This product is manufactured in Dayton, Texas at Global Tubing's state of the art continuous pipe mill. Much of the steel used is melted and manufactured in the United States of America, with the majority produced by Tier-1 domestic steel producers. Coiled line pipe can be shipped throughout the United States of America as well as internationally, and is already approved by many of our customers – including major E&Ps and global oil and gas service companies.

Coiled Carbon Steel X-Grade Line Pipe is offered in sizes ranging from ¾ Inch to 5 inch nominal OD, with wall thicknesses ranging from 0.087 to 0.337 inches. Steel grades offered are A53-B, X52C, X65C, X70C, X80C (C = Coiled Pipe), and HIC.



Nominal Size (in.)	OD Size (in.)	Bare Weight (lb/ft)	Nominal Wall Thickness (in.)	Pipe Schedule	Steel Grade (ASTM/API)	Length per Reel (ft)	Reel Dimensions (in.)
1 1/4	1.660	2.27	0.140	SCH40	A53B/X52C	8,500	128 h x 128 l x 80 w
2	2.375	3.65	0.154	SCH40	A53B/X52C	5,250	128 h x 128 l x 80 w
	2.375	5.02	0.218	SCH80	A53B/X52C	3,850	
2 1/2	2.875	5.79	0.203	SCH40	A53B/X52C	3,300	128 h x 128 l x 80 w
3	3.500	6.66	0.188	—	A53B/X52C	2,800	144 h x 144 l x 94 w
	3.500	7.58	0.216	SCH40	A53B/X52C	2,200	
	3.500	10.25	0.300	SCH80	A53B/X52C	1,700	
4	4.500	8.66	0.188	—	A53B/X52C	1,450	170 h x 170 l x 97 w
	4.500	10.79	0.237	SCH40	A53B/X52C	1,450	
	4.500	14.98	0.337	SCH80	A53B/X52C	1,050	

COILED LINE PIPE BENEFITS

- Installed cost savings (outlined on the following page, under "Cost Structure")
- This product is manufactured in the United States of America, so any inspection or audits required are local
- Installation time is significantly faster than with stick pipe or spoolable composites
- Minimized numbers of MTR's compared to stick pipe, thus providing confidence in the uniformity of the material and full traceability
- Decreased HSEQ risk and exposure in the field by reducing man-hours worked (estimated at 65% less) and equipment hours (estimated at 61% less)
- Requires a smaller right-of-way and minimized environmental impact
- Thirty minute hydrotest vs. five seconds for stick pipe. This provides additional confidence in the quality of the material. The hydrotest is performed after spooling.
- All product is shipped with a 3-layer PE or PP pipe coating versus the standard FBE. Therefore, it is more durable and requires less field repair.
- If a repair is needed or a tie in to the line, you can weld standard stick pipe directly to this pipe as opposed to using costly fittings with specialized crews.

Corporate Headquarters 7402 N Eldridge Parkway Houston, TX 77041 USA 1-800 228-2893 distributionnow.com

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COST STRUCTURE

Provided below is a table that illustrates the total installed price difference between Global Tubing's Coiled Carbon Steel X-Grade Line Pipe that we can offer versus standard domestic and import line pipe and a comparable coiled pipe product from a different manufacturer. This table outlines all of the components that comprise the total cost, including material and installation (trenching, stringing, welding, field tests).

As is evident from this chart, the coiled steel line pipe we offer from Global Tubing will lower your project costs, providing a significant benefit over stick pipe and coiled piping systems from other manufacturers.



Cost Comparison Between Global Tubing and Competitive Products			
	Import carbon steel X52 with 14–16 mils FBE	Domestic carbon steel X52 with 14–16 mils FBE	4 in. composite coiled/spooled pipe
Delivered product price to customer*	25 to 30% less expensive	15 to 20% less expensive	75 to 110% more expensive
Installation costs (incl. trenching, stringing, welding, field tests, etc.)*	40 to 50% more expensive	40 to 50% more expensive	5% more expensive to 10% less expensive
Total installed cost	5 to 10% more expensive than Global Tubing coiled steel line pipe	10 to 20% more expensive than Global Tubing coiled steel line pipe	30 to 45% more expensive than Global Tubing coiled steel line pipe

*The above example is provided for general information purposes only and is not intended to represent the costs for your specific project.

FREQUENTLY ASKED QUESTIONS

What is the coiled pipe made out of?

The pipe is carbon steel, just like carbon steel line pipe that you currently use. The specification that the pipe is made to is API 5LCP, which is similar to your current pipe that uses the API 5L monogram. There are no major technical differences.

What sizes and grades can you provide?

- OD: up to 5 inch with reel lengths up to 8,500 feet
- Grades up to X80C
- HIC product for sour service is available

How can I tie in coiled line pipe to the rest of my system?

Coiled line pipe is welded in an identical manner to the method used for your current stick pipe. It is 100% compatible with the steel pipe that you use today.

Do I have to send this pipe out to be coated after production?

No, Global Tubing has state-of-the-art Fusion Bond Epoxy (FBE), 3-layer polypropylene (3LPP), and 3-layer polyethylene (3LPE) coatings that provide unrivaled protection. This coating capability is in line with the pipe forming equipment to provide the best adhesion possible. 3-layer polypropylene is the standard coating so there is no need for any ARO (abrasion resistant overlay) as it is durable for dragging.

What type of specialized equipment will I need to install global tubing coiled line pipe?

The spooled pipe is delivered to the right-of-way already spooled on reels, along with the straightening equipment. Only standard pipeline installation and trenching equipment is needed by the customer.

What do we do with the reels after installation?

We take care of the reel return for you. In most cases, due to the quick installation process, the reels will go back with the delivery truck

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