



Oil&Gas pipes



INTERPIPE



Expert solutions for oil&gas operations



INTERPIPE – GLOBAL STEEL PIPE PRODUCER

Interpipe is the global steel pipe producer and one of the top ten largest producers of seamless pipes in the world. Annual production in 2011 was about 1 million tons of steel pipes.

Company's production facilities are located in the region with highly developed infrastructure and logistics-wise are well connected to serve the fastest growing markets, such as the CIS, MENA and Asia, via the Black Sea ports.

Satisfaction of our customers' requirements is undoubtedly what makes Interpipe's business stand out. Availability of in-house high quality steel billets ensures flexible formation of the production plan and comfortable delivery to our customers worldwide.

Readiness and willingness to consider special customer requirements with respect to chemical composition, wall thickness, length, tonnages, etc. enable Interpipe's provision to our customers of the best business solutions available in the market, optimizing their timetable and resources.

To bring the Company closer to its clients, Interpipe guarantees availability of own storage areas and warehouses on strategic markets, located in immediate proximity to the customers.

Comprehensive range of pipe products

OCTG



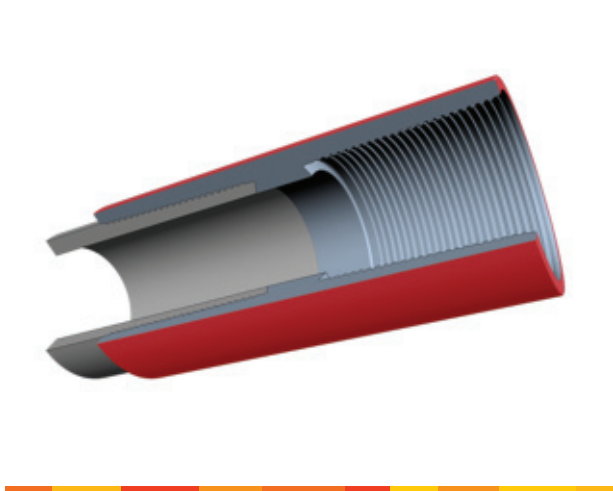
Line pipes



Special pipes



Premium connections



INTERPIPE AT A GLANCE

Interpipe has a vertically integrated business structure

Scrap processing

Dneprovformet
Scrap Metal Processing Plant



Steel production

Interpipe NTRP
Open Hearth Furnace



Production in 2011:
Steel ingots: 525 000 tons

Modern electric steel melting complex



Production capacity:
1.32 mln. tons
Plan for 2012: 700 000 tons



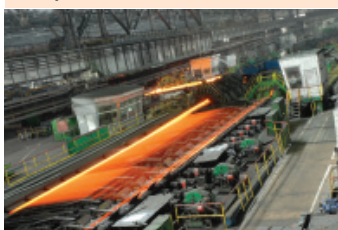
Pipe & wheel production

Interpipe NTRP
Dnepropetrovsk



Production in 2011:
Seamless pipes: 401 000 tons
Railway wheels: 170 000 tons

Interpipe Niko Tube
Nikopol

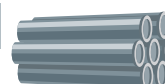


Production in 2011:
Seamless pipes: 330 000 tons

Interpipe NMPP
Novomoskovsk



Production in 2011:
Welded pipes: 216 000 tons



Selling to customers globally – key markets



North American
Interpipe



Interpipe
Middle East



Interpipe
Kazakhstan



Interpipe
Europe SA



Interpipe M



Interpipe
Ukraine

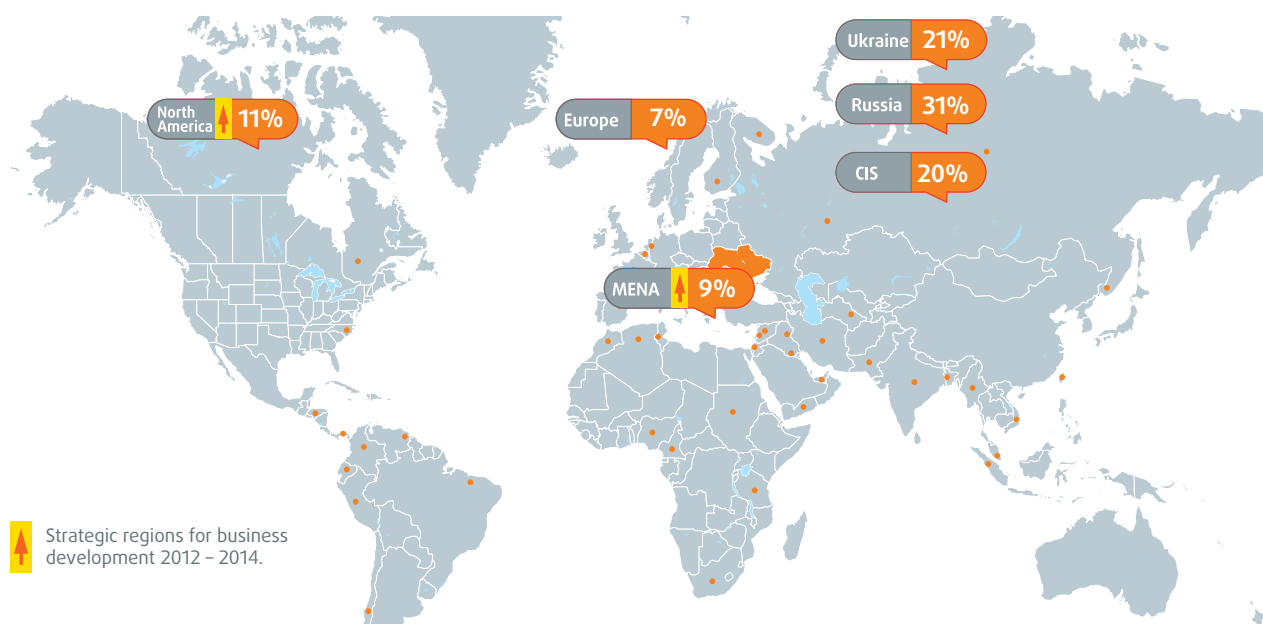


Global coverage of customers in 80 countries around the world

Interpipe supplies tubular and wheel products to clients from 80 different countries. These include companies involved in oil&gas production and transportation, machinery-building enterprises, construction firms, manufacturers of fabricated metals, companies supplying water and gas pipelines, and other industrial and municipal firms.

We expand our sales in international markets year by year. The Company has large and growing offices in North America and the Middle East, where Interpipe has built an extensive customer base in oil&gas sector.

Pipe sales geography



Interpipe is always in face-to-face business with its customers

Our success and rapid development would be impossible but for two major factors – our talented personnel and the push to achieve a high level of customer service. One of our competitive advantages is our flexible and proactive position that minimizes customer time and costs in order to get a better business solution.

Wherever a customer is based, our professional and mobile team may arrange a meeting at your location at a short notice.



We assign an individual manager for every customer irrespective of the volume of its purchases and number of operations. Prompt replies, effective management of customer reclamations, and proactive communications ensure a solid base for beneficial cooperation with the customers all around the world.

Interpipe has put together a professional team devoted to the principles of innovation and company development.

QUALITY-FOCUSED OPERATIONS

Interpipe considers quality control as a key part of the activities to manufacture products, exceeding customer needs. Quality control is implemented at all stages of production process - starting from continuous casting at the in-house mini mill and up to nondestructive testing of pipe body and pipe ends and shipping to customers.

Our commitment to quality is confirmed by:

- Pipe products certification in compliance with major international standards API 5CT, API 5L, EN (DIN), ASTM, JIS, GOST and customer specifications
- Quality management system as per ISO 9001 and API Q1
- Application of high-integrity nondestructive testing techniques to ensure body and ends' quality
- Implementation of a continuous improvement system at the Company mills
- Effectively operating customer reclamation system



Ongoing investments program

In our business, investments play a crucial role in making decisions on the Company's future. Interpipe regularly invests in development of its production capacities, improvement of the output quality, and expansion of its product range. Currently we are carrying out a major investment program that will reinforce the Company's vertical integration, boost our capacity in production of high quality products, and enhance our operating efficiency in pipe and wheel production.

Interpipe EAF steel making plant

In 2012 Interpipe will commission a new state-of-the-art electric steel making facility, called Dneprosteel. The mill production capacity amounts to 1.32 mln. tons of round steel billets a year. When completed, this will be the largest facility of its kind in Ukraine and Eastern Europe. This new facility will provide Company's mills with high quality steel billets for the production of seamless pipes and railway wheels.

Our mini mill employs state of the art technologies, developed and supplied by Danieli Company from Italy, to provide the consistent steel production with different steel grades - from carbon to low-alloy ones.



Seamless carbon steel pipe for high-temperature service – ASTM A106

Application: steam, water, gas and air pipelines as well
as general machinery and tools for industry and construction

Pipe dimensions and weight

NPS	Outside diameter		Wall thickness		Weight per length unit		Weight class
	inches	mm	inches	mm	lb/ft	kg/m	
1	1.315	33.4	0.133	3.38	1.68	2.50	STD
1 ¼	1.660	42.2	0.140	3.56	2.27	3.39	STD
1 ½	1.900	48.3	0.145	3.68	2.72	4.05	STD
2	2.375	60.3	0.141	3.58	3.36	5.01	-
			0.154	3.91	3.65	5.44	STD
			0.172	4.37	4.05	6.03	-
			0.188	4.78	4.39	6.54	-
			0.218	5.54	5.02	7.48	XS
2 ½	2.875	73.0	0.141	3.58	4.12	6.13	-
			0.156	3.96	4.53	6.74	-
			0.172	4.37	4.97	7.40	-
			0.188	4.78	5.40	8.04	-
			0.203	5.16	5.79	8.63	STD
			0.216	5.49	6.13	9.14	-
			0.250	6.35	7.01	10.44	-
			0.276	7.01	7.66	11.41	XS
			0.375	9.53	10.01	14.92	-
3	3.500	88.9	0.188	4.78	6.65	9.92	-
			0.216	5.49	7.58	11.29	STD
			0.250	6.35	8.68	12.93	-
			0.281	7.14	9.66	14.40	-
			0.300	7.62	10.25	15.27	XS
			0.438	11.13	14.32	21.35	-
3 ½	4.000	101.6	0.188	4.78	7.65	11.41	-
			0.226	5.74	9.11	13.57	STD
			0.250	6.35	10.01	14.92	-
			0.281	7.14	11.16	16.63	-
			0.318	8.08	12.50	18.63	XS
4	4.500	114.3	0.219	5.56	10.01	14.91	-
			0.237	6.02	10.79	16.07	STD
			0.337	8.56	14.98	22.32	XS
			0.438	11.13	19.00	28.32	-
			0.531	13.49	22.51	33.54	-
5	5.563	141.3	0.258	6.55	14.62	21.77	STD
			0.375	9.53	20.78	30.97	XS
			0.500	12.70	27.04	40.28	-
			0.625	15.88	32.96	49.11	-
6	6.625	168.3	0.280	7.11	18.97	28.26	STD
			0.432	10.97	28.57	42.56	XS
			0.562	14.27	36.39	54.20	-
			0.719	18.26	45.35	67.56	-
8	8.625	219.1	0.277	7.04	24.70	36.81	-
			0.322	8.18	28.55	42.55	STD
			0.406	10.31	35.64	53.08	-
			0.500	12.70	43.39	64.64	XS
			0.594	15.09	50.95	75.92	-
			0.719	18.26	60.71	90.44	-
			0.812	20.62	67.76	100.92	-
			0.906	23.01	74.69	111.27	-

Pipe dimensions and weight (continued)

NPS	Outside diameter		Wall thickness		Weight per length unit		Weight class
	inches	mm	inches	mm	lb/ft	kg/m	
10	10.750	273.0	0.307	7.80	34.24	51.03	-
			0.365	9.27	40.48	60.31	STD
			0.500	12.70	54.74	81.55	XS
			0.594	15.09	64.43	96.01	-
			0.719	18.26	77.03	114.70	-
			0.844	21.44	89.29	133.09	-
			1.000	25.40	104.13	155.15	XXS
			1.125	28.58	115.64	172.21	-
12	12.750	323.8	0.330	8.38	43.77	65.20	-
			0.406	10.31	53.52	79.73	-
			0.562	14.27	73.15	108.92	-
			0.688	17.48	88.63	132.04	-
			0.844	21.44	107.32	159.86	XXS
			1.000	25.40	125.49	186.97	-
			1.125	28.58	139.67	208.14	-
			1.312	33.32	160.27	238.68	STD
14	14.000	355.6	0.375	9.53	54.57	81.33	-
			0.438	11.13	63.44	94.55	-
			0.594	15.09	85.05	126.71	-
			0.750	19.05	106.13	158.10	-
			0.938	23.83	130.85	194.96	-
			1.094	27.79	150.79	224.65	-
			1.250	31.75	170.21	253.56	-
			1.406	35.71	189.11	281.70	-

The sizes are produced upon agreement.

STD - standard weight wall thickness

XS - extra strong wall thickness

XXS - double extra strong wall thickness

Mechanical properties of steel

Parameters	Mechanical properties of steel, not less than		
	A	B	C
Tensile strength,psi/MPa	48000 (330)	60000 (415)	70000 (485)
Yield limit,psi/MPa	30000 (205)	35000 (240)	40000 (275)

Tolerances

Steel Grade	Outside diameter permissible deviation	Wall thickness permissible deviation	Weight deviations
A, B, C	up to 4" (114.3mm)	± 0.031" (0.79 mm)	+ 10.0% - 3.5%
	above 5" (141.3mm)	+ 0.062" (1.59 mm)	
	up to 8" (219.1mm)	- 0.031" (0.79 mm)	
	above 10" (273.0mm)	+ 0.093" (2.38 mm) - 0.031" (0.79 mm)	

Lengths supplied

Line pipes according to API 5L, ASTM A 53 and ASTM A 106 are supplied in single random (SRL), double random (DRL), or fixed length

SRL Single Random Length		DRL Double Random Length		Fixed Lengths upon request	
from	up to	from	up to	from	up to
16 ft (4.800 m)	22 ft (6.700 m)	22 ft (6.700 m)	35 ft (10.700 m)	16 ft (4.800 m)	41 ft (12.500 m)

Protection

Pipes are supplied:

- black and bare
- external varnished with black or clear lacquer
- oiled

Upon request, pipes ends are protected by plastic caps.

Marking

Pipes are supplied with marking according to standard and customer request.

Marking is paint and/or die stenciled on the ends of pipes. The same data, as well as additional information per customer's request, is indicated on the bundle's tags.

Delivery

Pipes are supplied in hexahedral (up to OD114 mm) or round (above 121 mm) bundles tied in at least five places with steel strip.

Weight of bundle - up to 5000 kg upon request of customer.

Each bundle is furnished with three tags.

Mill test certificate

MTC is issued in accordance with EN 10204.

Pipe, steel, black and hot-dipped, zinc-coated, welded and seamless – **ASTM A 53/A 53M**

Application: steam, water, gas and air pipelines.

Pipes are supplied non-galvanized with plain ends.

Pipe dimensions and weight

NPS	Outside diameter		Wall thickness		Weight per length unit		Weight class	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		Seamless	Welded
1	1.315	33.4	0.133	3.38	1.68	2.50	STD	•	•
1 ¼	1.660	42.2	0.140	3.56	2.27	3.39	STD	•	•
1 ½	1.900	48.3	0.145	3.68	2.72	4.05	STD	•	•
2	2.375	60.3	0.141	3.58	3.36	5.01	-	•	
			0.154	3.91	3.65	5.44	STD	•	•
			0.172	4.37	4.05	6.03	-	•	
			0.188	4.78	4.39	6.54	-	•	
			0.218	5.54	5.02	7.48	XS	•	
2 ½	2.875	73.0	0.141	3.58	4.12	6.13	-	•	
			0.156	3.96	4.53	6.74	-	•	
			0.172	4.37	4.97	7.40	-	•	
			0.188	4.78	5.40	8.04	-	•	
			0.203	5.16	5.79	8.63	STD	•	
			0.216	5.49	6.13	9.14	-	•	
			0.250	6.35	7.01	10.44	-	•	
			0.276	7.01	7.66	11.41	XS	•	
3	3.500	88.9	0.375	9.53	10.01	14.92	-	•	
			0.188	4.78	6.65	9.92	-	•	
			0.216	5.49	7.58	11.29	STD	•	
			0.250	6.35	8.68	12.33	-	•	
			0.281	7.14	9.66	14.40	-	•	
			0.300	7.62	10.25	15.27	XS	•	
			0.438	11.13	14.32	21.35	-	•	
3 ½	4.000	101.6	0.600	15.24	18.58	27.68	XXS	•	
			0.188	4.78	7.65	11.41	-	•	
			0.226	5.74	9.11	13.57	STD	•	
			0.250	6.35	10.01	14.92	-	•	
			0.281	7.14	11.16	16.63	-	•	
4	4.500	114.3	0.318	8.08	12.50	18.63	XS	•	
			0.203	5.16	9.32	13.89	-	•	
			0.219	5.56	10.02	14.91	-	•	
			0.237	6.02	10.79	16.07	STD	•	
			0.250	6.35	11.35	16.90	-	•	
			0.281	7.14	12.66	18.87	-	•	
5	5.563	141.3	0.312	7.92	13.98	20.78	-		
			0.258	6.55	14.62	21.77	STD	•	
			0.281	7.14	15.85	23.62	-	•	
			0.312	7.92	17.50	26.05	-	•	
			0.344	8.74	19.17	28.57	-	•	
			0.375	9.53	20.78	30.97	XS	•	
			0.500	12.70	27.04	40.28	-	•	
6	6.625	168.3	0.625	15.88	32.96	49.11	-	•	
			0.750	19.05	38.55	57.43	XXS	•	
			0.280	7.11	18.97	28.26	STD	•	•
			0.312	7.92	21.04	31.32	-	•	
			0.344	8.74	23.08	34.39	-	•	
			0.375	9.53	25.03	37.31	-	•	
			0.432	10.97	28.57	42.56	XS	•	
			0.562	14.27	36.39	54.20	-	•	
			0.719	18.26	45.35	67.56	-	•	

Pipe dimesions and weight (continued)

NPS	Outside diameter		Wall thickness		Weight per length unit		Weight class*	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		Seamless	Welded
8	8.625	219.1	0.277	7.04	24.70	36.81	-		•
			0.312	7.92	27.70	41.24	-	•	•
			0.322	8.18	28.55	42.55	STD	•	
			0.344	8.74	30.42	45.34	-	•	
			0.375	9.53	33.04	49.25	-	•	
			0.406	10.31	35.64	53.08	-	•	
			0.438	11.13	38.30	57.08	-	•	
			0.500	12.70	43.39	64.64	XS	•	
			0.594	15.09	50.95	75.92	-	•	
			0.719	18.26	60.71	90.44	-	•	
			0.812	20.62	67.76	100.92	-	•	
			0.875	22.23	72.42	107.92	XXS	•	
			0.906	23.01	74.69	111.27	-	•	
10	10.750	273.0	0.307	7.80	34.24	51.03	-	•	•
			0.344	8.74	38.23	56.98	-	•	
			0.365	9.27	40.48	60.31	STD	•	
			0.438	11.13	48.24	71.90	-	•	
			0.500	12.70	54.74	81.55	XS	•	
			0.594	15.09	64.43	96.01	-	•	
			0.719	18.26	77.03	114.75	-	•	
			0.844	21.44	89.29	133.06	-	•	
			1.000	25.40	104.13	155.15	XXS	•	
			1.125	28.58	115.64	172.33	-	•	
12	12.750	323.8	0.330	8.38	43.77	65.20	-	•	•
			0.344	8.74	45.58	67.93	-	•	•
			0.375	9.53	49.56	73.88	STD	•	
			0.406	10.31	53.52	79.73	-	•	
			0.438	11.13	57.59	85.84	-	•	
			0.500	12.70	65.42	97.46	XS	•	
			0.562	14.27	73.15	108.96	-	•	
			0.688	17.48	88.63	132.08	-	•	
			0.844	21.44	107.32	159.91	-	•	
			1.000	25.40	125.49	186.97	XXS	•	
			1.125	28.58	139.67	208.14	-	•	
			1.312	33.32	160.27	238.76	-	•	
14	14.000	355.6	0.312	7.92	45.61	67.90	-	•	•
			0.344	8.74	50.17	74.76	-	•	•
			0.375	9.53	54.57	81.33	STD	•	
			0.438	11.13	63.44	94.55	-	•	
			0.469	11.91	67.78	100.94	-	•	
			0.500	12.70	72.09	107.39	XS	•	
			0.594	15.09	85.05	126.71	-	•	
			0.750	19.05	106.13	158.10	-	•	
			0.938	23.83	130.85	194.96	-	•	
			1.094	27.79	150.79	224.65	-	•	
			1.250	31.75	170.21	253.56	-	•	
			2.000	50.80	256.32	381.83	-	•	
			2.125	53.98	269.50	401.50	-	•	
16	16.000	406.4	0.219	5.56	36.94	54.86	-		•
			0.250	6.35	42.05	62.64	-		•
			0.281	7.14	47.17	70.30	-		•
			0.312	7.92	52.27	77.83	-		•
			0.344	8.74	57.52	85.71	-		•
			0.375	9.52	62.58	93.17	STD		•
18	18.000	457.0	0.219	5.56	41.59	61.90	-		•
			0.250	6.35	47.39	70.57	-		•
			0.281	7.14	53.18	79.21	-		•
			0.312	7.92	58.94	87.71	-		•
			0.344	8.74	64.87	96.61	-		•
			0.375	9.53	70.59	105.16	STD		•
			0.500	12.70	81.68	120.57	-		•
20	20.000	508.0	0.219	5.56	46.27	68.89	-		•
			0.250	6.35	52.73	78.55	-		•
			0.281	7.14	59.18	88.19	-		•
			0.312	7.92	65.60	97.67	-		•
			0.344	8.74	72.21	107.60	-		•
			0.375	9.53	78.60	117.15	STD		•

The sizes are produced upon agreement.

STD - standard weight wall thickness
XS - extra strong wall thickness
XXS - double extra strong wall thickness

Mechanical properties of steel

Parameters	Mechanical properties of steel, not less than	
	Grade A	Grade B
Tensile strength, psi/MPa	48000 (330)	60000 (415)
Yield strength, psi/MPa	30000 (205)	35000 (240)

Tolerances

Steel Grade	Outside diameter permissible deviation		Wall thickness permissible deviation	Weight deviations
A, B	up to 1-½" (48.3 mm)	± ¼" (0.4 mm)	- 12.5%	+/- 10.0 %
	2" (60.3 mm) and above	+/- 1%		

