

HFI Steel Pipe



Quality in detail

Salzgitter Mannesmann Line Pipe has a long tradition in the production of longitudinally HFI-welded steel tube and pipe and a wealth of experience in correctly balancing all the decisive quality parameters.

Our customers can depend on our seven core competencies.



A wide product range

A comprehensive supply range for gas, oil, water, construction, heat transport, and mechanical engineering - and all of it in steel grades to German and international standards, with a variety of joining techniques. Rounded off with a broad range of accessories.

Expertise and experience

Modern manufacturing processes based on a century of experience in pipe production, high investments in research and development, coverage of all related fields, close cooperation with research institutes and professional bodies, and vast experience of national and international projects.

Quality deliveries

Short delivery times through optimized production programs, extensive stock on hand for all kinds of replacement pipes and small orders, and punctual deliveries and deadline compliance to keep our customers on schedule with their projects.

Quality products

Full control of our entire production chain, strictest quality management at all stages of manufacture, from hot wide strip to shipment of the finished products, all embedded in a state-of-the-art inspection and testing regime.

Customer orientation

A worldwide distribution network, a can-do approach to special application requirements, and an ongoing exchange of insights and experience with customers around the globe.

Quality advice

Specialists for pipeline planning, pipe specification, transport, storage and laying, experience gained in numerous challenging projects, from planning through to implementation.

Flexibility

Two locations for the parallel production of orders of all sizes and degrees of specialization, and production control geared to customer needs.





Naturally perfect

Ours is an age of technical innovation. Machinery and plant construction must therefore adapt to ever new methods of manufacturing an ever growing number of different products. As a versatile structural element, steel tube plays an important role in this context, largely owing to its outstanding strength coupled with low deadweight.

Steel tubes enable light-weight design combined with high strength. With steel tubes, many designs can be simplified dramatically and realized at low cost.

Worth highlighting in this context are the excellent properties of hollow sections, such as their section moduli under torsion and bending stress.

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Tube and pipe for general applications







In our technology-driven day and age, steel tube and pipe are used in a wide range of applications in nearly every field of industry:

- in pipelines and piping systems for solid and liquid media
- as boiler tubes for high- and low-temperature service in the chemical industry, in plant construction and in underground mining
- as structural elements in mechanical engineering, in transport facilities, or in building construction and civil engineering for the design of buildings, stadiums, bridges, platforms and many other infrastructure projects.

Salzgitter Mannesmann Line Pipe manufactures HFI longitudinally welded steel tube and pipe for general applications in accordance with all relevant national and international standards, incl. API 5L, EN ISO 3183, EN 10217, EN 10219, EN 10210 and EN 10225.

Our standard product range allows us to react swiftly and flexibly to customer requirements in terms of order volume and delivery time.

Definition according to technical rules and regulations: HFW (high-frequency welded); EW (electrically welded); ERW (electric resistance welded)).

Standards
EN 10210
EN 10217-1
EN 10217-2
EN 10217-3
EN 10217-4
EN 10219
EN 10225
EN 10296-1
EN ISO 3183
API 5L
ASTM A53
ASTM A252
ASTM A333
CAN/CSA Z245.1
DNV-OS-F101

Other	standards	and	specifications	on	request

Application guidelines
DIN 18800
AD 2000 W4 - PED 97/23/EG
DIN 18800

Materials
S235JRH - S460NLH
P235TR1 - P265TR2
P235GH - 16Mo3
P275NL1 - P460NL2
P265NL
S235JRH - S460MLH
S355G1+N, S355G13+N
E235 - E460M
Grade 555
Grade B - X80
Grade B
Grade 2, Grade 3
Grade 6
Grade 555
Grade 555

	01	utside o	liameter			
1	Ø	NW	mm	3.20	3.60	4.00
	mm	DN	Inch	0.126	0.142	0.157
	114.3	100	41/2	8.77	9.83	10.9
	117.5		4 ⁵ / ₈	9.02	10.1	11.2
	139.7		5 ¹ / ₂	10.8	12.1	13.4
	159.0		6 1/4	12.3	13.8	15.3
	168.3	150	65/8	13.0	14.6	16.2
	177.8		7	13.8	15.5	17.1
	193.7		7 ⁵ / ₈	15.0	16.9	18.7
	203.0		8	15.8	17.7	19.6
	216.8		81/2	16.9	18.9	21.0
	217.8		81/2	16.9	19.0	21.1
	219.1	200	85/8	17.0	19.1	21.2
	229.0		9	17.8	20.0	22.2
	244.5		95/8	19.0	21.4	23.7
	273.0	250	10 ³ / ₄		23.9	26.5
	323.9	300	123/4			31.6
	339.7		13³/ ₈			
	355.6	350	14			34.7
	382.0		15			
	406.4	400	16			
	419.0		16 ¹ / ₂			
	445.0		17 ¹ / ₂			
	457.2	450	18			
	473.1		18⁵/₃			
	508.0	500	20			
	530.0	530	207/8			
	559,0		22			
	610.0	600	24			

Supply range - Steel pipe dimensions and weights (in kg/m)

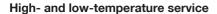
Su	Supply range - Steel pipe dimensions and weights (in kg/m)																			
								Wall t	hickness	es in mn	n / inches	S								
4.50	5.00	5.60	6.35	7.13	8.00	8.38	8.74	9.53	10.3	11.1	11.9	12.7	14.3	15.9	17.5	19.1	20.6	22.2	23.8	25.4
0.177	0.197	0.220	0.250	0.281	0.315	0.330	0.344	0.375	0.406	0.438	0.469	0.500	0.562	0.625	0.688	0.750	0.812	0.875	0.938	1
12.2	13.5	15.0	16.9																	
12.5	13.9	15.5	17.4																	
	16.6																			
17.1	19.0	21.2	23.9	26.7	29.8	31.1	32.4	35.1	37.8											
18.2	20.1	22.5	25.4	28.3	31.6	33.0	34.4	37.3	40.1											
19.2	21.3	23.8	26.8	30.0	33.5	35.0	36.4	39.5	42.5											
21.0	23.3	26.0	29.3	32.8	36.6	38.3	39.9	43.3	46.6	50.0	53.4	56.7								
22.0	24.4	27.3	30.8	34.4	38.5	40.2	41.9	45.5	48.9	52.5	56.1	59.6								
23.6	26.1	29.2	33.0	36.9	41.2	43.1	44.8	48.7	52.5	56.3	60.1	63.9								
23.7	26.2	29.3	33.1	37.0	41.4	43.3	45.1	48.9	52.7	56.6	60.4	64.2								
23.8	26.4	29.5	33.3	37.3	41.6	43.5	45.3	49.3	53.0	56.9	60.8	64.6								
24.9	27.6	30.9	34.9	39.0	43.6	45.6	47.5	51.6	55.6	59.6	63.7	67.7								
26.6	29.5	33.0	37.3	41.7	46.7	48.8	50.8	55.2	59.5	63.9	68.3	72.6	81.2							
29.8	33.0	36.9	41.8	46.7	52.3	54.7	57.0	61.9	66.7	71.7	76.6	81.5	91.2	100.8						
35.4	39.3	44.0	49.7	55.7	62.3	65.2	67.9	73.9	79.7	85.6	91.6	97.5	109	121	132	144	154			
37.2	41.3	46.1	52.2	58.5	65.4	68.5	71.3	77.6	83.7	90.0	96.2	102	115	127						
39.0	43.2	48.3	54.7	61.3	68.6	71.8	74.8	81.3	87.7	94.3	101	107	120	133	146	159	170	183	195	207
	46.5	52.0	58.8	65.9	73.8	77.2	80.5	87.5	94.4	102	109	116	130	144	157	171	184	197	210	223
	49.5	55.4	62.6	70.2	78.6	82.3	85.7	93.3	101	108	116	123	138	153	168	182	196	210	225	239
		57.1	64.6	72.4	81.1	84.9	88.4	96.2	104	112	119	127	143	158	173	188	202	217	232	247
		60.7	68.7	77.0	86.2	90.2	94.0	102	110	119	127	135	152	168	184	201	216	231	247	263
		62.4	70.6	79.1	88.6	92.8	96.7	105	114	122	131	139	156	173	190	206	222	238	254	270
		64.6	73.1	81.9	91.8	96.0	100	109	118	126	135	144	162	179	197	214	230	247	264	280
		69.4	78.6	88.1	98.6	103	108	117	126	136	146	155	174	193	212	230	248	266	284	302
		72.4	82.0	91.9	103	108	112	122	132	142	152	162	182	202	221	241	259	278	297	316
		76.4	86.5	97.0	109	114	119	129	139	150	161	171	192	213	234	254	274	294	314	334
			94.5	106	119	124	130	141	152	164	176	187	210	233	256	278	299	322	344	366

Tubes for boilers and process equipment









Tubes for boilers and process equipment

Their applications include the transport of media at elevated temperatures, and especially hot steam pipes in power stations, and in the chemical and petrochemical industry. Controlled, state-of-the-art heat treatment and testing ensures that our products meet the most stringent demands of all relevant national and international standards. On request, the entire production process can also be monitored by external inspectors.

Pipes for low-temperature service

Applications with operating temperatures down to minus 50 $^{\circ}$ C, e.g. pipes in methanol plants or in climatically unfavorable conditions. Smaller lots are also available in frequently used materials such as ASTM A 333 Grade 6 and P215NL conforming to EN 10217-4.



Fields of application, e.g.:
Standards
Application guidelines

EN 10217-2
EN 10217-3
AD 2000 W4 - PED 97/23/EG
AD 2000 W4 - PED 97/23/EG
P235GH - 16Mo3
P275NL1 - P355NL2
High-temperature resistance

Chemical and petrochemical industry

High-temperature service

Fields of application, e.g.:

Standards

Application guidelines

Materials

Properties

Materials

Properties

Methanol factories, compression cooling
EN 10217-3

ASTM A333 AD 2000 W4 - PED 97/23/EG AD 2000 W4 - PED 97/23/EG P215NL - P265NL Grade 6 Cold toughness







Medium and jacket pipes for district heating systems

Complex and mostly buried pipe systems are required to ensure reliable supplies of heat energy over large distances. The medium pipes used for this application must meet high standards and withstand severe mechanical stressing.

The pipes are thermally insulated with polyurethane foam or mineral wool. Sensor lead wires enable leaks to be reliably detected and located.

External protection is ensured by a jacket pipe. In many cases, plastic-coated steel pipe is used for this purpose.

Competently serving the European district heating pipe industry, Salzgitter Mannesmann Line Pipe supplies both medium and jacket pipes for this demanding application as well as for district cooling. The downstream processing steps are then carried out by the relevant system manufacturers.



Supply range - Steel pipe dimensions and weights (in kg/m)

Jacket pipes

Medium pipes

Outside d	iameter	Wall thickness in mm / inches								
Ø	NW	mm	3.60	4.00	4.50	5.00	5.60	6.35	7.13	
mm	DN	Inch	0.142	0.157	0.177	0.197	0.220	0.250	0.281	
114.3	100	4 1/2	9.83	10.9	12.2	13.5	15.0	16.9		
168.3	150	6⁵/ ₈	14.6	16.2	18.2	20.1	22.5	25.4	28.3	
219.1	200	8 ⁵ / ₈	19.1	21.2	23.8	26.4	29.5	33.3	37.3	
273.0	250	10 ³ / ₄	23.9	26.5	29.8	33.0	36.9	41.8	46.7	
323.9	300	12³/ ₄		31.6	35.4	39.3	44.0	49.7	55.7	
355.6	350	14		34.7	39.0	43.2	48.3	54.7	61.3	
406.4	400	16				49.5	55.4	62.6	70.2	
457.2	450	18					62.4	70.6	79.1	
508.0	500	20					69.4	78.6	88.1	
610.0*	600	24						94.5	106	

Structural tubes/MSH sections







Structural tubes and hollow sections for steel construction and mechanical engineering

Circular, square and rectangular hollow sections are indispensable structural elements in many applications, such as building construction, transport facilities, mechanical engineering, foundation structures for the offshore wind energy industry, shipbuilding, and much more.

In all these applications, steel pipe plays a major role. This is due, above all, to its high stability and low weight, a combination which enables the realization of light-weight structures of high strength.

The outstanding properties of hollow sections, such as their section moduli under torsion and bending loads, deserve special mention in this context.

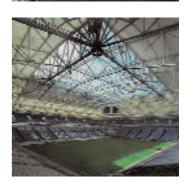
HFI steel pipes are supplied in conformity with national and international standards and customer specifications for application areas including:

- Steel fabrication and structural engineering
- Materials handling systems
- Textile machinery
- Agricultural equipment
- Offshore wind energy industry
- Road and rail vehicle construction
- Shipbuilding industry.

Depending on the order specifications, the pipe is delivered in mill lengths of up to 18 m or in any exact length, with agreed length tolerances. The pipe ends can either be plain as cut or prepared for further processing (machined, beveled or thermally cut).

In accordance with customer requirements, the pipe is supplied either black and untreated, with temporary corrosion protection, or with a durable anti-corrosion lining and/or coating.







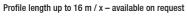






Supply range - MSH sections - Dimensions and weights (in kg/m)

Size				Wall	thickness	ses in mn	1					
in mm	6.3	7.1	8.0	8.8	10.0	11.0	12.5	14.2	16.0	17.5	20.6	25.4
250 x 250	49.3	55.5	62.3	68.4	77.4	84.9	96.0	108	121	132	154	-
260 x 260	49.3	55.5	62.3	68.4	77.4	84.9	96.0	108	121	Х	Х	-
300 x 200	49.3	55.5	62.3	68.4	77.4	84.9	96.0	108	121	Х	Х	-
300 x 300	58.4	65.6	73.8	81.0	91.7	101	114	129	144	157	184	Х
350 x 250	58.4	65.6	73.8	81.0	91.7	101	114	129	144	157	184	Х
350 x 350	68.2	76.6	86.2	94.7	107	118	136	151	169	-	-	-
400 x 200	58.4	65.6	73.8	81.0	91.7	101	114	129	144	157	184	Х
400 x 300	68.2	76.6	86.2	94.7	107	118	136	151	169	_	-	_
400 x 400	77.9	87.7	98.6	108	123	135	153	173	194	213	249	Х
440 x 350	77.9	87.7	98.6	108	123	135	153	173	194	211	247	Х
450 x 250	68.2	76.6	86.2	94.7	107	118	136	151	169	-	-	-
500 x 200	68.2	76.6	86.2	94.7	107	118	136	151	169	-	-	-
500 x 300	77.9	87.7	98.6	108	123	135	153	173	194	213	249	Х







Fields of application

Standards

Application guidelines Materials *)

Properties

Shipbuilding, steel-frame building construction, crane systems, Offshore EN 10210, EN 10219, EN 10225

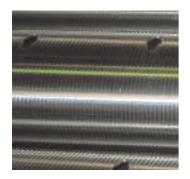
DIN 18800

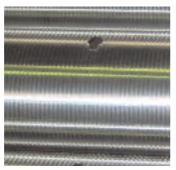
S235JRH - S460NLH S235JRH - S460MLH

S355G1+N, S355G13+N High section moduli under torsion and bending stress

^{*)} Higher-strength materials, i.e. TM or QT grades, are available on request

Tubes for machinery and plant construction







Tubes for every application

Ours is an age of technical innovation. Machinery and plant construction must therefore adapt to ever new methods of manufacturing an ever growing number of different products. As a versatile structural element, steel tube plays an important role in this context, largely owing to its outstanding stability coupled with low deadweight. Our HFI steel tubes are manufactured using state-of-the-art facilities ensuring uniform dimensional accuracy within tight tolerances for diameter and ovality.

Numerous structures can therefore be built simply and economically.

Standards	Materials
EN 10217-1	P235TR1 – P265TR2
EN 10210/10219	S235JRH - S460MLH
EN 10296-1	E235 - E460M
ASTM A53	Grade B

Tubes with restricted dimensional tolerances for special requirements

Supply range - Steel tube dimensions and weights (in kg/m)

Outside diameter		Wall thickness in mm / inches																		
Ø	NW	mm	3.20	3.60	4.00	4.50	5.00	5.60	6.35	7.13	8.00	8.38	8.74	9.53	10.3	11.1	11.9	12.7	14.3	15.9
mm	DN	Inch	0.126	0.142	0.157	0.177	0.197	0.220	0.250	0.281	0.315	0.330	0.344	0.375	0.406	0.438	0.469	0.500	0.562	0.625
114.3	100	4 1/2	8.77	9.83	10.9	12.2	13.5	15.0	16.9											
159.0		61/4	12.3	13.8	15.3	17.1	19.0	21.2	23.9	26.7	29.8	31.1	32.4	35.1	37.8					
168.3	150	6 ⁵ / ₈	13.0	14.6	16.2	18.2	20.1	22.5	25.4	28.3	31.6	33.0	34.4	37.3	40.1					
193.7		75/8	15.0	16.9	18.7	21.0	23.3	26.0	29.3	32.8	36.6	38.3	39.9	43.3	46.6	50.0	53.4	56.7		
203.0		8	15.8	17.7	19.6	22.0	24.4	27.3	30.8	34.4	38.5	40.2	41.9	45.5	48.9	52.5	56.1	59.6		
216.8		81/2	16.9	18.9	21.0	23.6	26.1	29.2	33.0	36.9	41.2	43.1	44.8	48.7	52.5	56.3	60.1	63.9		
219.1	200	8 ⁵ / ₈	17.0	19.1	21.2	23.8	26.4	29.5	33.3	37.3	41.6	43.5	45.3	49.3	53.0	56.9	60.8	64.6		
229.0		9	17.8	20.0	22.2	24.9	27.6	30.9	34.9	39.0	43.6	45.6	47.5	51.6	55.6	59.6	63.7	67.7		
244.5		95/8	19.0	21.4	23.7	26.6	29.5	33.0	37.3	41.7	46.7	48.8	50.8	55.2	59.5	63.9	68.3	72.6	81.2	
273.0	250	10 ³ / ₄		23.9	26.5	29.8	33.0	36.9	41.8	46.7	52.3	54.7	57.0	61.9	66.7	71.7	76.6	81.5	91.2	100.8
323.9	300	12 ³ / ₄			31.6	35.4	39.3	44.0	49.7	55.7	62.3	65.2	67.9	73.9	79.7	85.6	91.6	97.5	109	121
339.7		13³/ ₈				37.2	41.3	46.1	52.2	58.5	65.4	68.5	71.3	77.6	83.7	90.0	96.2	102	115	127
355.6	350	14			34.7	39.0	43.2	48.3	54.7	61.3	68.6	71.8	74.8	81.3	87.7	94.3	101	107	120	133
382.0		15					46.5	52.0	58.8	65.9	73.8	77.2	80.5	87.5	94.4	102	109	116	130	144
406.4	400	16					49.5	55.4	62.6	70.2	78.6	82.3	85.7	93.3	101	108	116	123	138	153
419.0		16 ¹ / ₂						57.1	64.6	72.4	81.1	84.9	88.4	96.2	104	112	119	127	143	158
445.0		17 ¹ / ₂						60.7	68.7	77.0	86.2	90.2	94.0	102	110	119	127	135	152	168
457.2	450	18						62.4	70.6	79.1	88.6	92.8	96.7	105	114	122	131	139	156	173
473.1		185/8						64.6	73.1	81.9	91.8	96.0	100	109	118	126	135	144	162	179
508.0	500	20						69.4	78.6	88.1	98.6	103	108	117	126	136	146	155	174	193
559.0		22						76.4	86.5	97.0	109	114	119	129	139	150	161	171	192	213
610.0*	600	24							94.5	106	119	124	130	141	152	164	176	187	210	233

Standard dimensions

Special dimensions on request

Tube lengths up to 18 m / * tube lengths up to 16 m





HFI steel pipes from Salzgitter Mannesmann Line Pipe are used for standard to extremely demanding applications in foundation work. Here they are needed in projects of all sizes where additional support is required for buildings and structures if the subsoil is problematic and sufficient load-bearing capacity only exists in the deeper strata.



17.5	19.1	20.6	22.2	23.8	25.4
0.688	0.750	0.812	0.875	0.938	1
132	144	154			
146	159	170	183	195	207
157	171	184	197	210	223
168	182	196	210	225	239
173	188	202	217	232	247
184	201	216	231	247	263
190	206	222	238	254	270
197	214	230	247	264	280
212	230	248	266	284	302
234	254	274	294	314	334
256	278	299	322	344	366

Standards	Materials
EN 10219-1	S235JRH - S460MLH*)
ASTM A252	Grade 2, Grade 3
Customer specifications possible	Other steel grades on request
*\ lligher etrangth meterials is TM or OT grad	oo ara ayailahla an ragyaat

^{*)} Higher-strength materials, i.e. TM or QT grades, are available on request

Supply range - Steel pipe dimensions and weights (in kg/m)

Outside diameter	Nominal width	Outside diameter	Wall thickness	Weight per meter
in mm	DN	in inches	in mm	in kg/m
219.1	200	8 ⁵ / ₈	6.35 - 12.7	33.3 - 64.6
244.5		95/8	6.35 - 14.3	37.3 - 81.2
273.0	250	10 ³ / ₄	6.35 - 15.9	41.8 - 100.8
323.9	300	12³/ ₄	6.35 - 20.6	49.7 - 154
355.6	250	14	6.35 - 20.6	54.7 - 170
406.4	400	16	6.35 - 25.4	62.6 - 239
457.2	450	18	6.35 - 25.4	70.6 - 270
508.0	500	20	6.35 - 25.4	78.6 - 302
610.0	600	24	6.35 - 25.4	94.5 - 366

Pipe lengths up to 18 m / Other dimensions on request

Quality management



Why you always get the quality you expect from us

Our customers need a partner who has been consistently setting high standards, for decades now, when it comes to innovation, production and service.

Uncompromising quality across the board

The first precondition for pipe longevity is continuous high quality in production right through to application. That is why the quality philosophy of Salzgitter Mannesmann Line Pipe covers the entire process - from the production of the hot wide strip as the starting material for our pipes through all the various stages of production right up to the technical support we provide to the completion of pipeline projects.

Technology leader

We are experts in all the technologies used in steel pipe production. In the 1950s, we were the first manufacturer anywhere to produce plastic coating for pipe. And we know that ongoing improvement of the materials and processes we use is essential if we are to maintain and build on our leading position in the industry.

Seamless quality management

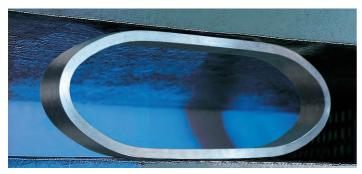
Each pipe is manufactured with the same care and passes through the same quality management system from the starting material to final inspection. Our quality assurance is an integral part of all aspects of process flow, governing our daily work to an extent far beyond the requirements laid down in the applicable standards.

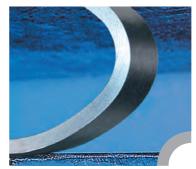




Tested safety

Start-to-finish monitoring gives our customers the assurance that every single pipe complies with the applicable specifications and maintains its outstanding properties for a long service life. Each pipe is given its unique quality seal: the pipe number, which is stamped on the pipe outside surface and also applied to the pipe inside surface as well as included in the barcode label. This means the entire manufacturing process can be traced back, right through to the steel mill. With the pipe number, the digitally stored test data can be called up for each pipe and the precise status before and after each production step can be ascertained.





Monitoring fosters trust

Tests and checks at Salzgitter Mannesmann Line Pipe are not restricted to those prescribed by the various standards. In fact, we carry out a large number of additional internal in-process checks and tests in order to ensure that the customer's specifications as well as our own exacting standards, which are even higher, are reliably and systematically complied with.

Both our locations are fully equipped with state-of-the-art measuring and testing facilities. Almost like in a modern diagnostic clinic, the pipes are subjected to a thorough "check-up": they're measured, weighed, and have to undergo ultrasonic testing and visual inspection, followed by microscopic and macroscopic evaluation of the results. They also undergo destructive testing, so nothing at all is left to chance.

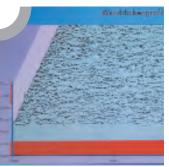
In very complex diagnosis cases, we have the full backing of our Group's own research institute with its many specialists and scientists.

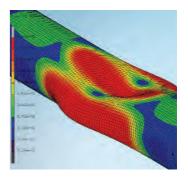
Heat analysis

The steel we work with is extremely homogeneous and is made with the utmost precision to meet the specified requirements.

In-process checks

At every stage of the production process, checks are performed to verify a pipe's compliance with the applicable specifications in all its essential characteristics. This includes dimensional checks (length, diameter, wall thickness), mechanical-technological tests and hydrostatic testing for leaks. The results are statistically evaluated so that any preventive measures can be taken to ensure the continuous high quality of the processes.





Transport and storage







The safe way to the site

Our work does not end once the pipe passes its final works inspection. Storage and logistics are part of our service, too.

The pipes are shipped, stored and stacked according to strict regulations. Safe transport, without damage to the valuable cargo, is also a quality feature of Salzgitter Mannesmann Line Pipe.

We constantly stock thousands of tons of steel pipe for a wide range of applications. Our logistics experts can handle all your inventory management and the subsequent on-time delivery of the pipes to the construction site. Our service package is rounded off by express and emergency deliveries, overhead unloading, trucks even for long lengths, stacking, transferring to storage, routing and aggregated shipments.

Ship, rail, truck or special shipment - we find the best form of transport for you so you can rely on having your pipes delivered safely and punctually to wherever you need them, however remote.











Talk to us directly if you have any questions

Outstanding expert advice is something we also supply. It is also a central element of our quality philosophy. And we are happy to share our knowledge and experience with our partners.

Consulting and advice

The quality of our advice is based on a broad foundation:

- our own pool of competencies
- close cooperation with R & D scientists and engineers
- · hundreds of projects at all levels of difficulty
- an ongoing exchange of ideas and experience with our customers.

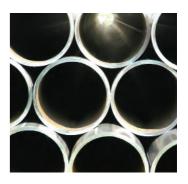
We look forward to doing business with you

You can best turn our skill and experience to account if you contact us at the early stages of your project. If you wish, we would be happy to let you have details of our technical capabilities, quality assurance and reference projects. Get in touch with us.

You will find your contact for HFI-welded steel pipe on the Internet at www.smlp.eu







Salzgitter Mannesmann Line Pipe GmbH In der Steinwiese 31 57074 Siegen Germany Phone +49 (0)271 691- 0

Phone +49 (0)271 691- 0 Fax +49 (0)271 691- 299

Postal address: Postfach 12 01 52 57022 Siegen Germany

info@smlp.eu www.smlp.eu

