



LINE PIPE & LINE PIPE SOLUTIONS

Fulfilling standards and individuality



PERFORMANCE IN TUBULARS

Our world is based on high tech seamless pipes that can withstand the toughest conditions, day in, day out. We promise highest performance based on the core values customization, innovation and sustainability.



CUSTOMIZATION



INNOVATION



SUSTAINABILITY

FIELDS OF APPLICATION

Seamless hot finished line pipe are mainly used for the following applications:

- » Onshore pipeline from wellhead to refinery (gathering line)
- » Conveyance of liquid and gas media also for sour service
- » Cooling systems
- » Gas, water and hydraulic lines
- » Sour service applications
- » Hydrofluoric acid alkylation service applications



PRODUCT CHARACTERISTICS & CUSTOMER BENEFITS

**AT YOUR CHOICE:
CUSTOMIZED OR STANDARDIZED
» FIND THE OPTIMAL PRODUCT
SOLUTION WITH US**

Carbon steel and low alloyed line pipe are manufactured in size ranges between 26.7 to 200.0 mm (1.059 and 7 7/8 inch) in various grades and according to numerous international standards as well as to customer specifications.

With **over 60% of tailor-made solutions** according to customer specifications and the **capability to fulfill multiple standard combinations – currently up to 7** – voestalpine Tubulars is your perfect choice.

**CERTIFIED, SAFE AND RELIABLE
» IT COULD BE THAT EASY FOR YOU**

Numerous **certifications** according to national and international standards proof the quality of voestalpine Tubulars and the conformity with environmental, safety, health and other important rules, regulations and values.

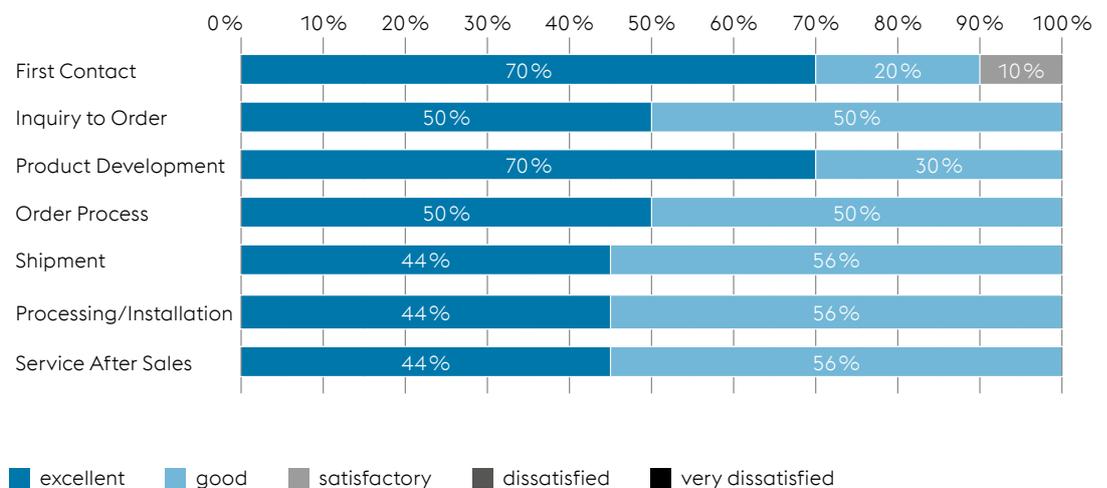
All certificates are available in the download area of our web page: www.voestalpine.com/tubulars or in the [myTubulars App](#).

In addition to various **inspections** within its production line, voestalpine Tubulars offers and performs numerous tests (HIC, 4-PBT and Method A tests according to NACE) in its on-site testing facilities and laboratories.

All our customers in this field of application certify in our annual **customer satisfaction** survey, carried out by a third party company, that we are a reliable partner throughout the whole process – from first contact/ inquiry to service after sales.

RESULTS OF OUR CUSTOMER SATISFACTION SURVEY 2019

Satisfaction with voestalpine Tubulars:



OUR RANGE OF STANDARDIZED PRODUCT SOLUTIONS

» JUST MAKE YOUR CHOICE

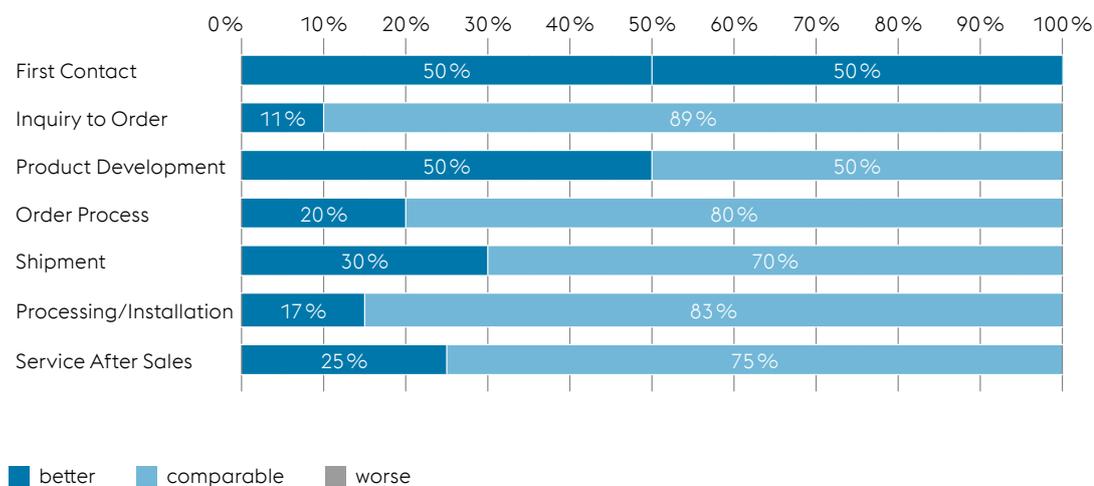
The main standards for our line pipe are as follows:

- » API SPECIFICATION 5L incl. Annexes
 - L245/B, L290/X42 up to L485/X70Q
- » ASTM/ASME A106/SA & 106/ A/SA 53
 - GRADE A / B / C
- » ASTM/ASME A/SA 333
 - GRADE 6
- » ISO 3183 / PSL 1 – PSL 2
 - L245/B, L290/X42 up to L485/X70Q

Other technical specifications upon request, for example:

- » NACE MR 0103 / ISO 17945 / MR 0175 / ISO 15156

Rating compared to competition:



SIZE RANGE

		WALL THICKNESS																			
mm		2.90	3.20	3.60	4.00	4.50	5.00	5.60	6.30	7.10	8.00	8.80	9.50	10.00	11.00	11.50	12.00	12.50	13.00	14.00	
	inch	0.114	0.126	0.142	0.157	0.177	0.197	0.220	0.248	0.280	0.315	0.346	0.374	0.394	0.433	0.453	0.472	0.492	0.512	0.551	
26.90	1.059																				
30.00	1.181																				
31.80	1.252																				
33.70	1.327																				
38.00	1.496																				
42.40	1.669																				
44.50	1.752																				
48.30	1.902																				
51.00	2.008																				
54.00	2.126																				
57.00	2.244																				
60.30	2.374																				
63.50	2.500																				
70.00	2.756																				
73.00	2.874																				
76.10	2.996																				
82.50	3.248																				
88.90	3.500																				
95.00	3.740																				
101.60	4.000																				
108.00	4.252																				
114.30	4.500																				
121.00	4.764																				
127.00	5.000																				
133.00	5.236																				
139.70	5.500																				
146.00	5.748																				
152.40	6.000																				
159.00	6.260																				
165.10	6.500																				
168.30	6.626																				
177.80	7.000																				
187.70	7.390																				
193.70	7.626																				
198.00	7.795																				
200.00	7.874																				

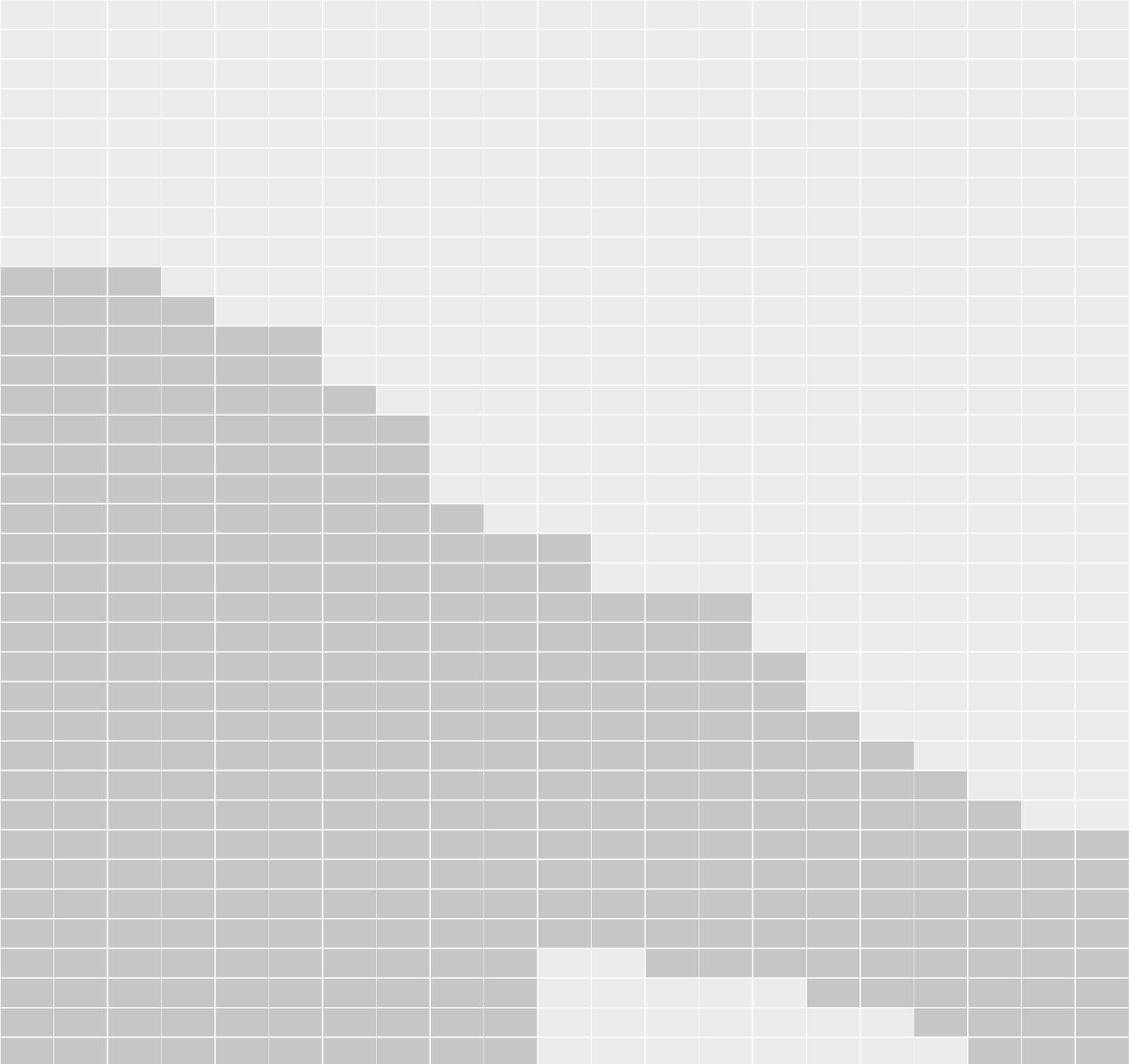
Available standards and combinations, grades, heat treatment and testing capabilities as well as final lengths depending on required outside diameter and wall thickness.

Wall thickness above 35 mm (1.378 inch) available upon request.

Specialties, tailor-made solutions as well as intermediate production sizes available upon request.

WALL THICKNESS

15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00	28.00	29.00	30.00	31.00	32.00	33.00	34.00	35.00
0.591	0.630	0.669	0.709	0.748	0.787	0.827	0.866	0.906	0.945	0.984	1.024	1.063	1.102	1.142	1.181	1.220	1.260	1.299	1.339	1.378



 = Size range

LINE PIPE SOLUTIONS

COATING

Upon request, we could offer you inside and outside coating solutions provided by internal and external partners.

WELDING

Together with our partner voestalpine Böhler Welding – the leading manufacturer and worldwide supplier of filler metals for Oil & Gas and other demanding industries – welding procedure specifications (WPS) have been developed for almost all of our steel grades.

The welding consumables in focus for applications under sour gas conditions are designed and tested according to the valid NACE HIC (TM 0284-2016) and SSC (TM0177-2005) standards. Test certificates are available upon request. For line pipe grades up to X70, our matching consumables for efficient welding processes – especially from the diamondspark seamless cored wires range by Böhler Welding provide outstanding results in terms of quality and productivity.

For further information regarding welding consumables, read more on www.voestalpine.com/welding



SERVICES



myTubulars

myTubulars APP **CONVERSION CALCULATOR, CONTACT FINDER AND “NEW” NOTIFICATION**

The myTubulars App offers new possibilities to take a look into the world of voestalpine Tubulars. Explore the great features like the Virtual Reality Tour through our mill, the conversion tool for numerous important units or our practical Contact Finder. As an additional feature, you can see when a product catalog or certificate is updated (marked as “new”).

myTubulars is available for all iOS and Android devices for free in the App stores.

GET THE APP!





WHY voestalpine Tubulars?

Support from material and product selection, in-house material and product development, to final product from one source.



PRODUCT DEVELOPMENT



PROCESS DEVELOPMENT



PRODUCT SELECTION

TESTING FACILITIES

If a product solution is not readily available for you, voestalpine Tubulars can help you to develop it in-house – from material composition to final product.

NEW PRODUCT DEVELOPMENT
REQUEST FROM OUR CUSTOMER



METLAB



MATERIAL COMPOSITION

TECHMET



TUBULARS TESTING FACILITIES



TESTING & FINE TUNING
TOGETHER WITH METLAB & TECHMET



**FINAL TESTING &
APPROVAL OF PRODUCT**

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voestalpine

ONE STEP AHEAD.