



PERFORMANCE IN TUBULARS

voestalpine Tubulars GmbH & Co KG
www.voestalpine.com/tubulars

voestalpine

ONE STEP AHEAD.



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

Our customers are confronted daily with the toughest challenges. Their material and equipment are exposed to extreme conditions. Therefore it is our mission to provide our customers with customized seamless tubular products and innovative solutions with excellent durability and low life cycle costs.



INNOVATION

What our customers rely on, is a history rich in metallurgical tradition, manufacturing knowledge and understanding of field applications – a perceptive view of production and products, including on-site developing and testing capabilities for enhanced customer demands.



SUSTAINABILITY

Whether it is premium & preprocessed industrial pipe product solutions or ready-to-install oil and gas product solutions, voestalpine Tubulars makes every effort to meet the highest technical and economical demands. It is our obligation to keep the environment pristine and unspoiled. Certificates confirm this conformity with numerous national and international standards and regulations.



CUSTOMER BENEFITS

QUALITY, FLEXIBILITY, SAFETY

Quality is the prerequisite for products that have to withstand extreme conditions. Our dedicated employees work continuously on solutions to our customers' challenges with technical experience, flexibility and ingenuity. Quality standards are more to us than rules, they serve as the baseline which we strive to exceed. The outcome: safe, reliable products and product solutions.

SAMPLE LIST OF THE COMPANY'S CERTIFICATES

- » API 5 CT, API 5 L, API 5 DP
- » Lloyds Register
- » DNV approval of manufacturer
- » CE approval for construction products
- » Pressure Equipment Directive
- » Quality Management System ISO 9001
- » Environmental Management System ISO 14001
- » Health and Safety Management System ISO 45001
- » Energy Management System ISO 50001
- » Asset Management System ISO 55001



WORLDWIDE SUPPORT

The international network of sales teams, technical sales, licensees and partners provides an essential proximity to customers and allows comprehensive customer service.



OIL & GAS PRODUCTS AND PRODUCT SOLUTIONS

All over the world the oil and gas industry relies on our customized, safe, environmentally friendly tubular solutions.

OCTG

Casing, Tubing and Accessories are available in API or Proprietary Grades, combined with API or Proprietary Connections, as doped versions or as dope free DryTec® connections.

Internal and external coating solutions for all products can be offered with external partners.



Casing



Tubing



Accessories

- » Pup Joints
- » Crossovers
- » Couplings



GRADES

Standard Grades

All products are available in API Standard Grades. In addition we offer numerous Proprietary Grades. Also tailor-made customer specifications can be fulfilled upon request.

Proprietary Grades – the VA series

The VA series meet customer requirements that are not addressed by the API specification or exceed the API standards.

Some of the product names explain the application, e.g. deep well, sour service, low temperature.

The applications for other grades are defined as follows:

» VA-High Collapse-Series

for use in high external pressure environments

» VA-Mild Sweet Gas-Series

for mildly corrosive environments where – in combination with an adequate inhibition program – a higher corrosion resistance can be expected compared to regular API Grades

Specified Minimum Yield Strength [psi]	Grade API Spec 5CT	HIGH COLLAPSE	ENHANCED PROPERTIES
55,000	J55		
	K55		
75,000			
80,000	N80-Q	VA-HC-N80-Q	VA-EP-N80-Q
	L80-1	VA-HC-L80-1	VA-EP-L80-1
90,000	C90-1	VA-HC-C90-1	VA-EP-C90-1
95,000	R95	VA-HC-R95	VA-EP-R95
	T95-1	VA-HC-T95-1	VA-EP-T95-1
110,000	C110	VA-HC-C110	VA-EP-C110
125,000	P110	VA-HC-P110	VA-EP-P110
	Q125-1	VA-HC-Q125-1	VA-EP-Q125-1
140,000			
150,000			

On request in combination with:



PROPRIETARY GRADES – THE VA SERIES

EXTREME PROPERTIES	SOUR SERVICE			DEEP WELL		LOW TEMPERATURE	MILD SWEET GAS	MILD SWEET GAS
		with High Collapse	with Enhanced Properties		with High Collapse		Ferrite Pearlite	Quenched & Tempered
						VA-LT-J55	VA-FP-55-1CR	
						VA-LT-K55		
							VA-FP-75-1CR	
VA-XP-N80-Q						VA-LT-N80-Q	VA-FP-80-1CR	
VA-XP-L80-1						VA-LT-L80-1		VA-L80-1-1CR/VA-L80-1-3CR
	VA-SS-80	VA-SS-80-HC	VA-SS-80-EP					
VA-XP-C90-1						VA-LT-C90-1		
	VA-SS-90	VA-SS-90-HC	VA-SS-90-EP					
VA-XP-R95						VA-LT-R95		
VA-XP-T95-1						VA-LT-T95-1		
	VA-SS-95	VA-SS-95-HC	VA-SS-95-EP					
						VA-LT-C110		
	VA-SS-110	VA-SS-110-HC	VA-SS-110-EP					
	VA-S-110	VA-S-110-HC	VA-S-110-EP					
VA-XP-P110						VA-LT-P110		VA-P110-1CR/VA-P110-3CR
VA-XP-Q125-1						VA-LT-Q125-1		
	VA-S-125	VA-S-125-HC	VA-S-125-EP	VA-D-125	VA-D-125-HC			
				VA-D-140	VA-D-140-HC			
				VA-D-150	VA-D-150-HC			

LOW TEMPERATURE

EP/XP



CONNECTIONS

API Standard Connections

All products are available with API Standard Connections.

Proprietary Connections

voestalpine Tubulars Proprietary Connections offer benefits which are not addressed by the API specification or exceed the API standards. Proprietary Connections are available as doped versions or as dope free DryTec® Connections.

Threaded and Coupled Connections:



VAGT®

the CAL II connection with millions of feet installed worldwide



VExplorer®

the high torque CAL IV casing connection for extended reach wells and rotation operations



VAroughneck®

the enhanced torque casing connection for rotated strings



VAsuperior®

the CAL IV connection for extreme conditions

Flush Connections



VAF

the CAL II flush connection for slim hole designs, workover strings, liners and tiebacks

Wedge-type Connection Family



VAtitan®

the fit for purpose tested casing connection for extreme torque capabilities

Further connection types are available upon request.



DryTec®

Efficient, clean and safe

This dope free solution for thread connections increases your efficiency and safety on site and helps you to protect the environment.

DryTec® is currently available for VAGT® and VAsuperior®.

SERVICES



myTubulars

myTubulars APP
PRODUCT DATASHEETS,
FIELD SERVICE
AND LICENSEES

Generate your product datasheets and find more information about our products, field assistance and licensees close to your location on the customer service page at www.voestalpine.com/tubulars or in the myTubulars App – available for free in the App stores for all iOS and Android devices.

GET THE APP!





LINE PIPE

Available in standard and customized size ranges and in various grades according to numerous international standards as well as customer specifications or standard combinations. Internal and external pipe coating solutions or welding solutions can be provided by internal and external partners.

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

Main 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

Sample list of standards:

- » API 5 L incl. Annexes
- » 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

INDUSTRIAL PIPE PRODUCT SOLUTIONS

Customers in and suppliers to the industrial segments (e.g. yellow goods segment, commercial vehicles, ...) rely on customized, safe, environmentally friendly tubular solutions of voestalpine Tubulars.



TUBES AND PIPES FOR PRESSURE APPLICATIONS

- » Hydrocarbon processing / media extraction in refineries
- » Unalloyed and medium alloyed steel grades for power plants (Power Generation)
- » Components for the chemical and petrochemical industry



MECHANICAL TUBES

- » Mining, tunneling, drilling and geotechnical solutions
- » Construction and general engineering
- » Mechanical and machining applications

Welding solutions can be provided by our internal partner voestalpine Böhler Welding. For further information regarding welding consumables, read more on www.voestalpine.com/welding



AUTOMOTIVE TUBES

- » Axles for trailers and light-commercial-vehicles (LCV)
- » Pulleys, dampers and vibration absorbers
- » Tubes and pipes for various powertrain applications



TOUGHTUBES

- » Seamless high strength steel tubes
- » Thermo-mechanically treated
- » Produced in one production step
- » Rapid cooling technology
- » Tailor made properties according to customer requirements



WHY voestalpine Tubulars?

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



PRODUCT DEVELOPMENT



CONNECTION DEVELOPMENT



MATERIAL DEVELOPMENT



PROCESS DEVELOPMENT



PRODUCT SELECTION



FIELD SERVICE

voestalpine Tubulars GmbH & Co KG

Alpinestrasse 17

8652 Kindberg-Aumuehl, Austria

T. +43/50304/23-0

F. +43/50304/63-532

sales@vatubulars.com

www.voestalpine.com/tubulars

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