

DATASHEET

DMV 22.5 - Annex 2

Salzgitter Mannesmann Stainless Tubes has over 20 years of experience in the manufacture of seamless pipes and tubes for subsea, process and utility services.

1 – Applications

Offshore fields and subsea production exposed to sea water and marine environments increases demands on materials. DMV 22.5's excellent corrosion resistance properties makes it an ideal candidate for use in chlorides and hydrogen sulphides environments. It is suitable for oil and gas production from sour wells.

The good mechanical and corrosion properties of DMV 22.5 provide cost effective solutions – including weight saving – to many applications.

Subsea applications: Line pipes, Flowlines and piping systems, Risers, Well jumpers and spools, Manifolds and Towhead structures, hydraulic lines.

Topsides: Utility and process piping, sea water piping systems, instrumentation and hydraulic tubing.

2 – Usual Standards and Specifications

ASTM A 790
ASTM A 789
API 5LC
DNV OS F101
NORSOK MDS D41
NACE MR0175 / ISO 15156-3

and also to customers own general practice, specifications, project specifications or material datasheets as mutually agreed between the purchaser and Salzgitter Mannesmann Stainless Tubes.

3 – Available Grades

DMV 22.5 complies with the following grades:

- UNS S31803
- UNS S32205
- LC65 2205
- 22% Cr

Depending on sizes, pipes are manufactured by either cold pilgering or hot extrusion process. All pipes supplied in the annealed condition.

4 – Available Dimensions

- Outside diameter and wall thickness ANSI/ASME B36.10M / ANSI/ASME B36.19M:

NPS: 1/8" NB to 8" NB
(10.3 mm to 219.10 mm)

SCH: Schedule 10S to Schedule 160
(1.24 mm to 23.01 mm)

- Non standard sizes: on request, pipes and tubes in non standard sizes available in range up to 250 mm outside diameter and 50 mm wall thickness
- Lengths: Pipes and tubes supplied in Single Random Length (SRL) or Double Random Length (DRL)

5 – End Preparation

Pipes and tubes are delivered with plain ends, or upon request, with bevelled ends. Bevels in accordance with ASME B16.25 or API 5LC or others.

6 – References

Amongst many references:

Region	Operator	Project name
NORTH SEA	BP	ETAP
	SHELL	PENGUIN
	RWE	MITTELPLATE
MIDDLE EAST	PDO	SNGC
	PDO	KAUTHER
AFRICA	TOTAL	DALIA
	TOTAL	ROSA LIRIO
	EXXON	ERHA
	CHEVRON TEXACO	TAHITI
SE ASIA	EXXON	GUNTONG
CIS	AIOC/BP	SHAH DENIZ

Further information on projects is available upon request at our sales offices, mentioned on next page:

D A T A S H E E T

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QUALITY IN ROUND TERMS.

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03/2010