

DATASHEET

DMV 25.7 N - Annex 1

Salzgitter Mannesmann Stainless Tubes has over 20 years of experience in the manufacture of seamless pipes and tubes for OCTG (Oil Country Tubular Goods).

1 – Applications

DMV 25.7 N grade can be used in environments that contain CO₂ and chlorides which are frequently present in the well environment.

Indicative limits of fields of application are as follows:

- H₂S maximum partial pressure:
 - Solution Annealed: 15 psi
 - Cold Hardened: 3 psi
- Max temperature 250°C (480°F)
- CO₂ maximum 1500 psi partial pressure

Note: The end user shall verify that the alloy is qualified for the use in the corrosive environment based on existing data or by performing appropriate corrosion tests.

2 – Usual Specification and Standards

This material is produced according to ISO 13680 (group 2 category 25-7-4), and according to customer specification as mutually agreed between the purchaser and Salzgitter Mannesmann Stainless Tubes.

Generally, grade comply with the requirements of the NACE MR0175 / ISO 15156-3.

3 – Available Grades

DMV provides the following grades according to ISO 13680 Table 3

- Grade 80: SA
- Grade 125: CH
- Grade 140: CH

Keys:

SA = solution annealed; CH = cold hardened

Grade 80 is offered in hot extruded condition, while Grade 125 and higher are obtained by additional cold working (either cold pilgering or cold drawing).
The intensity of cold working performed depends on the required yield strength. Intermediate grades could be offered upon request. Please contact one of our sales offices, mentioned below.

4 – Available Dimensions

Tubing and casings API standard sizes.

Outside diameter:
up to 7" for CH grades
up to 9"5/8 for SA grades

Lengths:
Tubing and casing:
up to Range 3 (44 feet / 13.4 m)

Coupling mother pipes in the same grades are also available in random lengths.

Tubes are delivered in plain end conditions suitable for threading or other premium connections.

5 – Typical Well Conditions

Typical well conditions for DMV 25.7 N						
Location	Grade	BHP	BHT	CO ₂	H ₂ S	Cl ⁻
	ksi	psi	°F	%	psi	ppm
North Sea Shearwaer	125	16000	383	3	0.4	-
(North Sea) Fiddich	125	14500	256	3	0	160000
(North Sea)	125	8600	298	1.7	1.7	230000

6 – References

Frequently DMV 25.7 N for Oil Country Tubular Goods applications is delivered according to project specific customer specifications.

Reference list for DMV 25.7 N			
Customer	Projekt	Grade	year of delivery
AMERADE HESS	Scott	80	1994-1996
SHELL UK	North Sea	125	1998
TALISMAN	Tweeds-muir	125	2005
TALISMAN	Fiddich	125	2007
BP USA	Salta-montes	125	2005

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

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QUALITY IN ROUND TERMS.

Contact

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