

Welded line pipes

Our welded tubes are characterized by high concentricity and very good measurement accuracy.

WELDED LINE PIPES

Welded steel tubes for pressure purposes, manufactured according to EN 10217-1 in quality P235TR1 or according to EN 10217-2, P23TGHTC1. Removed internal weld seam, bevelled ends and pressure tested. For further information refer to the original norm.

PRODUCT INFORMATION

ARTICLE NO.	OD	WALL	KG/M	LENGTH
220730	323.90	5.60	44.00	12000
231187	323.90	7.10	55.00	12000
220915	355.60	5.60	48.30	12000
220820	406.40	6.30	62.20	12000

ARTICLE NO.	OD	WALL	KG/M	LENGTH
9414	406.40	8.80	86.30	12000
220911	508.00	6.30	77.90	12000
229700	508.00	8.00	98.60	12000
9419	508.00	10.00	123.00	12000

CHEMICAL PROPERTIES

EN 10217-1, P235TR1. Welded pressure tube is divided into 2 classes, TR1 and TR2:

- TR1: The tube analysis does not state aluminium content. Impact strength not tested. Quality certificate in accordance with EN 10204/-2.2. (Stocked)
- TR2: The tube analysis states aluminium content. Impact strength is verified. Test certificate in accordance with SS-EN 10204-3.1. (Not stocked)

CHEMICAL COMPOSITION IN PERCENTAGE WEIGHT

STEEL GRADE	C%	Si%	Mn%	P%	S%	Al TOT	Cr%	Cu%	Mo%	Nb%	Ni%	Ti%	V%	OTHER*
P235TR1	0.16	0.35	1.20	0.025	0.020	-	0.30	0.30	0.08	0.010	0.30	0.04	0.02	0.70

*Cr + Cu + Mo + Ni

Max (Al=min)

MECHANICAL CHARACTERISTICS

STEEL GRADE	YIELD STRENGTH MIN R_{eh} FOR T MM			TENSILE STRENGTH R_m MPa	ELONGATION A_5 MIN%		KV AT A TEMPERATURE OF J		
	T < 16 MPa	16 < T < 40 MPa	> 40 MPa		ALONG	ACROSS	ALONG 0°C	ACROSS -10°C	0°C
P235TR1	235	225	ök.	360-500	25	25	-	-	-

MEASUREMENT DEVIATIONS

Tolerance for outer diameter (D) and wall thickness (T).

D	TOLERANCE FOR D
$D \leq 219.1$	$\pm 1\%$ or ± 0.5 mm Greatest value applies
$D > 219.1$	$\pm 0,75\%$ or ± 6 mm Greatest value applies

T	TOLERANCE FOR T
$T \leq 5$	$\pm 10\%$ or ± 0.5 mm Greatest value applies
$5 < T \leq 40$	$\pm 8\%$ or ± 2 mm Greatest value applies

STRAIGHTNESS

Straightness deviation should not exceed 0.0015L (where L=delivery length). Locally, straightness deviation should not exceed 3 mm per meter.

SURFACE CONDITION

The tube should be free from external faults that can be detected visually. The surface may be repaired. However, nominal size may not be reduced.