

Oil and gas line pipes

ERW pipes fully comply with requirements of international standards.

Oil and gas line pipes with diameters from 114 to 530mm (4½ - 20") and wall thicknesses from 4.0 to 12.7mm (0.16-0.5").

Pipes are delivered by high-frequency welding from carbon and low-alloy grades: up to X70.

During production pipes undergo multi-stage non-destructive testing, acceptance mechanical tests of base metal and weld and 100% hydraulic pressure test.

All pipes are supplied pre-treated: with local heat treatment of weld or bulk heat treatment.

Pipes undergo multi-stage non-destructive testing using an eddy current flaw detector, automatic and manual ultrasonic flaw detector, mechanical and 100% hydraulic tests.

Product mix and scope of application

Standard	Outside dia., inch (mm)	Wall thickness, mm	Steel grade	Scope of application
API Spec 5L / ISO 3183:2012	8½ (219.1)	4.8–12.7	up to X70	Oil & Gas and Water transportation
	10¾ (273.0)			
	12¾ (323.9)			
	14 (355.6)	5.6–12.7		
	16 (406.4)	6.3–12.7		
	18 (457.0)			
20 (508.0)				
DIN EN 10219-1(2)	8½ (219.1)	4.5–12.5	S235 - S460	For multi-purpose structures
	10¾ (273.0)	5.0–12.5		
	12¾ (323.9)			
	14 (355.6)	5.6–12.5		
	16 (406.4)	6.3–12.5		
	18 (457.0)			
20 (508.0)				
DIN EN 10217-1, 2, 3	8½ (219.1)	4.5–12.5	P195 – P460	Multi-purpose
	10¾ (273.0)	5.0–12.5		
	12¾ (323.9)			
	14 (355.6)	5.6–12.5		
	16 (406.4)	6.3–12.5		
	18 (457.0)			
20 (508.0)				