

# Energy Fact sheet

	Type	Standard	Size		Grades/Quality	Special coatings and protection
			Outside diameter	Wall thickness		
Czech Republic Ostrava	Seamless					
	Threaded pipes for gas line	EN, DIN, CSN, UNI, NF	DN15 - DN125	2.6mm - 5.4mm	St33 and equivalents	* Temporary exterior protective coating: Varnish, water-diluted lacquer, oil or synthetic enamel
	Flanged pipe for oil and gas transportation	CSN	DN80 - DN200	3.6mm - 6.3mm	11.353	
	Line pipe	API 5L	0.5" - 10.75 (12.7mm - 273.1mm)	2.8mm - 18.3mm	up to X60	* Permanent exterior protective coating: Triple-layer extruded polyethylene, cement-plastic, bitumen, galvanised
	OCTG	API 5CT - Casting	4.5 - 10.75" (114.3mm - 273.1mm)	5.21mm - 13.84mm	J/K55, M65, N80, L80, C95, P110, Q125	
	Spiral welded					
Line pipe	EN, API, DIN, CSN, GOST	12.75 - 32.0" (323.9mm - 820mm)	5.0mm - 12.0mm	Up to X 70	* Permanent interior protective coating: Cement mortar, bitumen	
Romania Galati	Longitudinal welded					
	Line pipe	API 5L, ASTM, DIN, EN	24.0 - 56.0" (609.6mm - 1422.4mm)	6.4mm - 17.5mm	X 42 - X 65, Grade B	* Temporary protective coating
Romania Iasi	Longitudinal welded					
	Line pipe	API 5L	4.5" - 8.625"	3.6mm - 8.2mm	Gr A, Gr B, X42-X52, PSL 1	1. Varnishing (water-based) : Water mine 303 black, red, blue, green, gray  2. Temporary protection : Alkaline based anti corrosion inhibitor, oil.
Romania Roman	Seamless					
	Line pipe	API, ASTM, ASME, EN	3.0 - 20" (88.9mm - 508mm)	4.0mm - 50mm	A, B, C, X42 - X65	* Temporary protective coating with black or uncoloured lacquer
	OCTG	API - Casting	4.5 - 20" (114.3mm - 508mm)	6.35mm - 16.13mm	J/K55, N80, L80, C95, P110	* Premium connections for castings - PTB007 and extreme line casings
	Heat exchanger tubes	EN, ASTM, DIN, SR	3.0 - 20.0" (88.9mm - 508.0mm)	5.20mm - 50mm	Grade 6, P265 GH	

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			Outside diameter	Wall thickness		
Kazakhstan Aktau	Spiral welded					
	Line pipe	API 5L under certification, GOST	18.0 - 56" (457mm - 1422mm)	Grade B - X 65	X 42 - X 65, Grade B	* Internal coating * Fusion bonded epoxy coating * Polyethylene coating
Algeria Annaba	Seamless					
	Casing pipe (e.g., gas, water and oil transportation)	API 5 CT	6.625 - 13.375" (168.3mm - 339.7mm)	6.91mm - 13.84mm	H40, J/K55, N80, L80, C90, C95, T95, P110	* Temporary protective coating with black or uncoloured lacquer
	Line pipe (e.g., gas, water and oil transportation)	API 5L, EN ASTM	6.0 - 14.0" (168.3mm - 339.7mm)	4.78mm - 22.22mm	X 42 - X 65	
South Africa Vereeniging	Seamless					
	Line pipe	ASTMA 106, EN 10216-2, API 5L	1.333 - 6.625 (33.4mm - 168.3mm)	3.38mm - 18.26 mm	Grade B, P265 GH TC1, Grade B, X42, X52	* Varnish (solvent based non-toxic phenolic lacquer)
	OCTG (Green pipe)	API 5CT - Tubing	2.375 - 4.5" (60.3mm - 114.3mm)	3.9 - 18.71 lb/ft	J/K 55, N80	
API 5CT - Casing		4.5 - 7" (114.3mm - 177.8mm)	9.41 - 27.4 lb/ft	J/K 55, N80		