



API 5L X60 steel plate/pipes for large diameter pipes

X60 steel plate, API 5L X60 steel pipes, under API 5L standard, we can regard X60 steel plate/pipes as large diameter pipes.

X60 steel pipes is one mainly of Steel for large diameter pipes,API-X60 steel for the manufacture of buried pipelines for transporting natural gas can succumb to severe degradation due to corrosion by the soil through. The types of corrosion of steel that can be produced are often general corrosion and pitting.

The chemical composition of steel API 5L X60 by [%]

C	Si	Mn	P	S	Cr	Ni	Al	Cu	Ti	V	Nb	N	Mo
0.007	0.22	1.63	0.01	0.005	0.011	0.011	0.008	0.013	0.010	0.072	0.052	0.008	0.228

Mechanical properties of X60 steel

Grade	Re (MPa)	Rm (MPa)	A (%)	Z (%)	Hardness HB	
					Externe face	Intern face
X60	541	627	27	42	196	159

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