

API 5L X 80 steel plate/pipes for large diameter pipes

X 80 steel plate/steel for pipes, [API 5L X 80 steel plate/pipes](#), under API 5L standard, X 80 steel used for pipes,API 5L X 80 steel plate for pipe and tube using, API 5L X 80 steel supplier/Chinese supplier,X 80 steel manufacturer,X 80 steel price.

[X 80 steel plate/sheet](#) is in API 5L standard. It's grade Number is 1.8978. The equal material of X 80 is: EN10208-2 L 555MB.

X80 API5L Material#1.8978	Comparison of steel grades	
	EN10208-2	L555MB

Main chemical composition in [API 5L X 80 steel](#) : Carbon max 0.08, Manganese max 1.75,Sulphur max 0.0005, Phosphorus max 0.011, Silicon max 0.26.More detailed information, please refer to the flowing table:

Chemical analysis -% by mass*

Grades	Material number	C max	Si max	Mn. max	P max	S max	AL min	Mo max	Ni max	Nb max
X80	1.8978	0.08	0.26	1.75	0.011	0.0005	0.03	0.27	0.22	0.070

X80 steel plate/pipes is one mainly of Steel for large diameter pipes,API-X80 steel used for pressure liquid transport, oil, gas, water and other liquid transportation, oilfield engineering, ductwork, construction, steel pipe and oil and gas project which use pipes. It's yield strength is around 555 MPa.API 5L X 80 tensile strength is from 625 MPa to 700 MPa. More detailed information about API 5L X80 steel Mechanical Properties , please refer to the following table:

Mechanical properties:

Grade	Permissible yield point ratio	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)
X80	≤ 0.90	555	625 - 700	20

ICE steel is the professional Chinese API 5L X 80 steel exporter,we can supply all kinds of steel products like API 5L X 80 steel plate,API 5L X 80 steel sheet,metal sheet,flanges,steel circle, color coated steel plate, hot plate, steel coils, etc.If our products API 5L X 80 steels are helpful to you,please be free to contact,we promise to give you the most competitive prices and best services for API 5L X 80 steel.

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