

[API 5L X 42 steel plate/pipes](#) for large diameter pipe

X 42 steel plate/steel for pipes, API 5L X 42 steel plate/pipes, under API 5L standard, X 42 steel used for pipes, API 5L X 42 steel plate for pipe and tube using, API 5L X 42 steel supplier/Chinese supplier, X 42 steel manufacturer, X 42 steel price.

[X 42 steel plate/sheet](#) is in API 5L standard. It's grade Number is 1.0484. The equal material of X 42 is: DIN 17172 StE290.7, EN10208-2 L 290NB.

X 42 API 5L Material#1.0484	Comparison of steel grades	
	DIN 17172	StE290.7
	EN10208-2	L290NB

Main chemical composition in [API 5L X 42 steel](#) : Carbon: max 0.22, Manganese from 0.50 to 1.10, Sulphur max 0.035, Phosphorus max 0.04, Silicon max 0.45. More detailed information, please refer to the flowing table:

Chemical analysis -% by mass\*

Grades	Material number	C max	Si max	Mn. mix	P max	S max
X42	1.0484	0.22	0.45	0.50-1.10	0.04	0.035

[X42 steel plate/pipes](#) is one mainly of Steel for large diameter pipes, API-X42 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 290 MPa. API 5L X 42 tensile strength is from 420 MPa to 540 MPa. More detailed information about API 5L X 42 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)
X42	≤ 0.85	290	420 - 540	23

ICE steel is the professional Chinese API 5L X 42 steel exporter, we can supply all kinds of steel products like API 5L X 42 steel plate, API 5L X 42 steel sheet, metal sheet, flanges, steel circle, color coated steel plate, hot plate, steel coils, etc. If our products API 5L X 42 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 42 steel.

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Tel: 0086-10-56218820

E-mail: [steel@ice-steels.com](mailto:steel@ice-steels.com)

Fax: 0086-10-56218821

Web: <http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA