



304LN / DIN 1.4311 / UNS S30453 / DIN X2CrNiN18-10

Type 304L, a typical level of relative magnetic permeability is set around 1.05-1.1 due to the small amount of ferrite existent in the austenitic structure. Completely non-magnetic material is expected to have just a value of 1.0.

304LN Stainless Steel, with the help of a considerably effective upgrade, can achieve a maximum value of around 1.005, which is the lowest practical level of any steel grade. Besides, the stainless steel is quite resistant to transformation to the magnetic martensitic phase which can occur informing or cooling to very low temperatures.

Material Data Sheet

Material Designation/Name	304LN
UNS	S30453
DIN	DIN 1.4311
DIN	DIN X2CrNiN18-10

Main application of 1.4319

- Heat exchangers, nuclear industry, petroleum industry,
- food industry, fabrication industry, chemical industry.

Chemical composition of 1.4319

C	0.03 max
Cr	18-20
Si	1 max
Ni	8 -12
Mn	2 max
Sulfur, S	0.03
Phosphorous, P	0.045
Nitrogen, N	0.1-0.16
Iron, Fe	The balance

Delivery status and forms

Various sizes and tolerances available upon your request.

Contact us



Eric
Director - Supply Chain

M: + 86 18675590706

WhatsApp: + 00251929481300

WeChat: 584572247

Email-1: sales@yubisteel.com Email-2: ericgui2008@gmail.com Website: <https://www.yubisteel.com/>

Our Product Is Metal. Our Passion Is Service.

<https://www.yubisteel.com/product/type-304ln-stainless-steel/>