



SANDVIK Ti GRADE 12 TUBE AND PIPE, SEAMLESS

DATASHEET

Sandvik Ti Grade 12 is a titanium grade alloyed with molybdenum and nickel. It is characterized by excellent corrosion resistance in reducing and oxidizing environments and offers better heat resistance than pure titanium grades. Sandvik Ti Grade 12 is suitable for applications such as shell and tube heat exchangers and is typically used within, for example, the chemical industries.

STANDARDS

- ASTM: Grade 12
- UNS: R53400

CHEMICAL COMPOSITION (NOMINAL) %

Chemical composition (nominal) %

Fe	O	C	H	N	Mo	Ni
≤0.30	≤0.18	≤0.08	≤0.015	≤0.03	0.2 - 0.4	0.6 - 0.9

Ti=Bal

Disclaimer: Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice. This datasheet is only valid for Sandvik materials.

