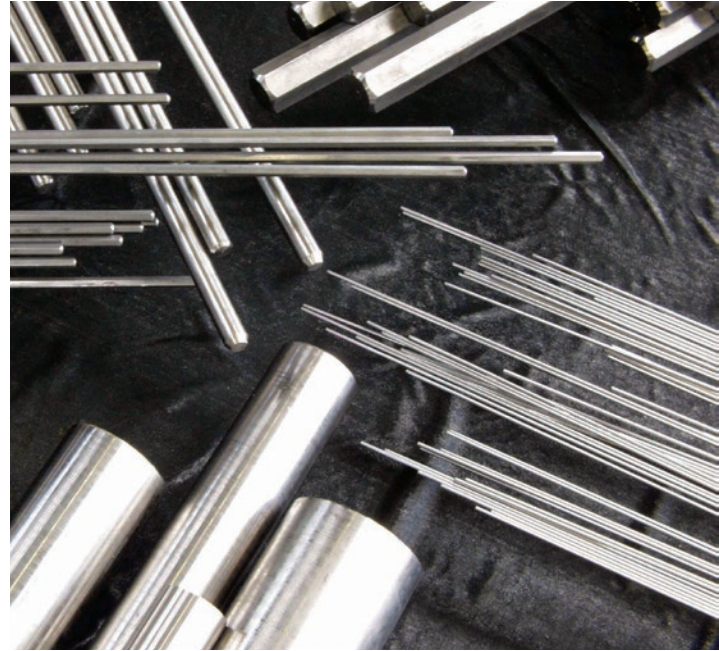
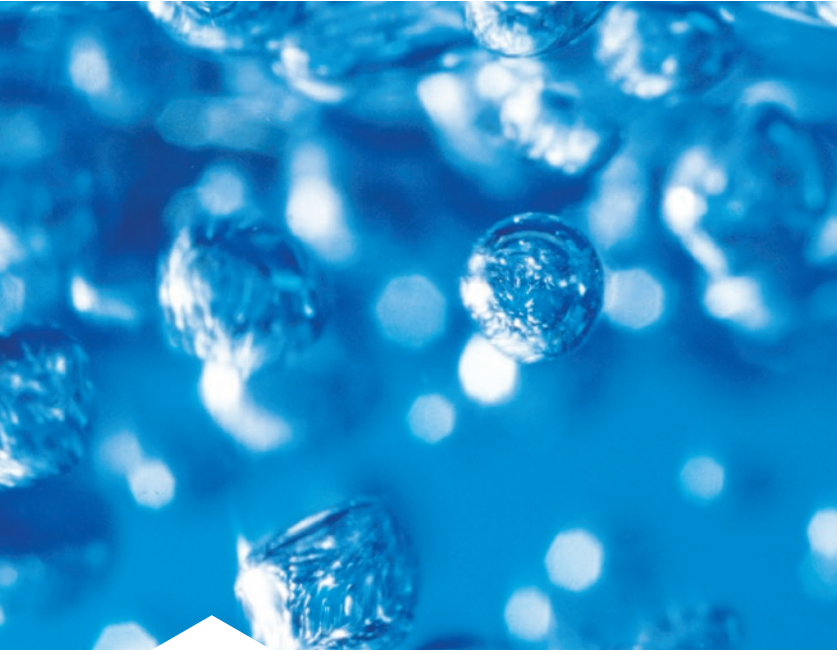


Ugitech

Water and stainless steel





"Water is not just necessary for life... water is life." *St Exupéry*

With this in mind, Ugitech modestly aims to meet the challenge to provide the water industry with innovative and environmentally friendly stainless steel solutions.

Whether for drinking water treatment, wastewater treatment, salt water desalination, or water transport and storage applications, stainless steel can offer very attractive solutions.

Its superior corrosion resistance, excellent mechanical properties, chemical and biological neutrality, and recyclability all represent major benefits.

Ugitech's product offer:

Our products

Because the equipment used in the water industry is extremely diverse, Ugitech offers you a wide range of stainless steel products available in different formats:

- » Semi-finished products (square billets)
- » Round, hexagonal and square bars
- » Round and hexagonal wire rod
- » Wire (for welding)
- » Profiles (for filtration)

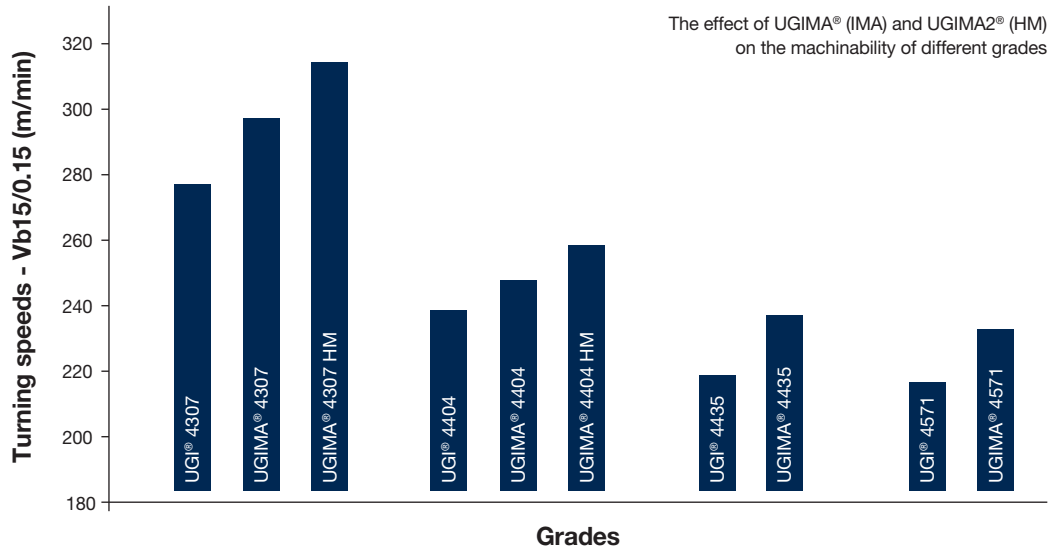
Our brands

Because the type of water to be treated also varies, Ugitech offers you a wide choice of stainless steel grades. Among these grades, Ugitech has made a special selection of grades perfectly adapted to the water industries that are both high performing and economical:

UGIMA®

Traditional stainless steels (304L, 316L...) with improved machinability, to boost productivity by 10 to 20% and increase equipment lifetimes (multiplied by 2 to 5).

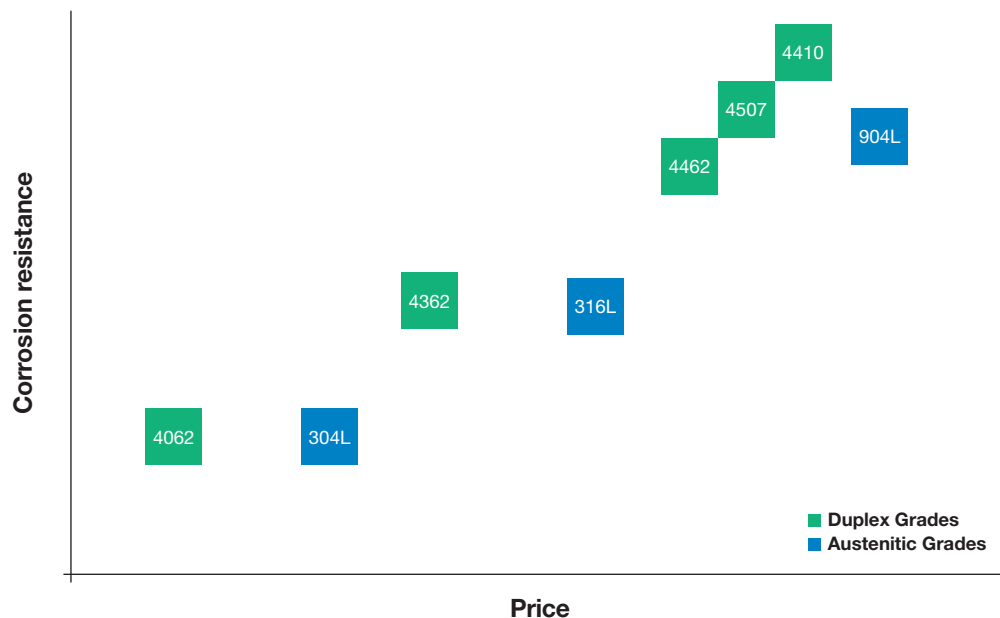
Commercial brand name	EN reference	UNS reference (AISI/ASTM)
UGIMA® 4307 = UGIMA® 304L UGIMA® 4307HM = UGIMA® 304LXL	1.4307	304L
UGIMA® 4404 = UGIMA® 316L UGIMA® 4404HM = UGIMA® 316LXL	1.4404	316L
UGIMA® 4435 = UGIMA® 316 LMo	1.4435	316L High Ni/Mo
UGIMA® 4571 = UGIMA® 316 Ti	1.4571	316 Ti



UGI PLEX®

Stainless steels of superior technical quality, with properties (corrosion resistance, mechanical properties) at least equivalent to those of the traditional grades (304L, 316L, 904L), available at a lower and more stable price.

Commercial brand name	EN reference	UNS reference
UGI® 4062	1.4062	S32202
UGI® 4362	1.4362	S32304
UGI® 4462	1.4462	S32205
UGI® 4507	1.4507	S32550
UGI® 4410	1.4410	S32750

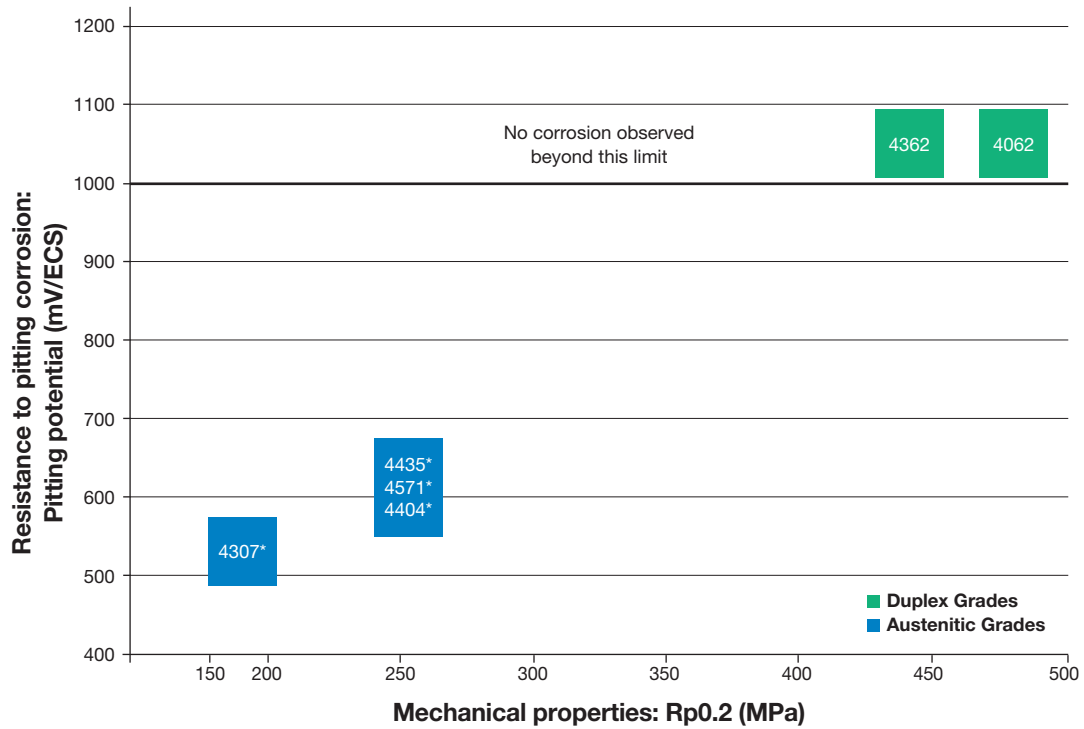


Ugitech's recommendations

Grade usage ranges for the water industries

Drinking water

Pitting corrosion test in a "Drinking Water" environment

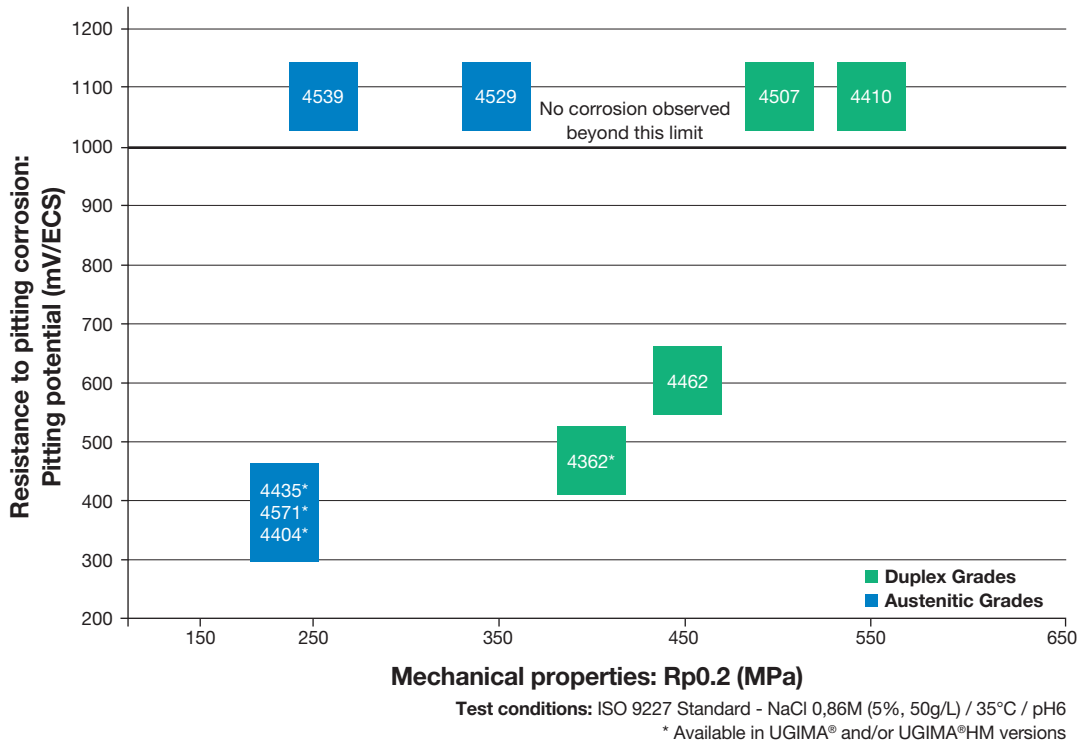


Test conditions: NaCl 0,02M (0,12%, 0,116g/L) / 23°C / pH7
 * Available in UGIMA® and/or UGIMA®HM versions

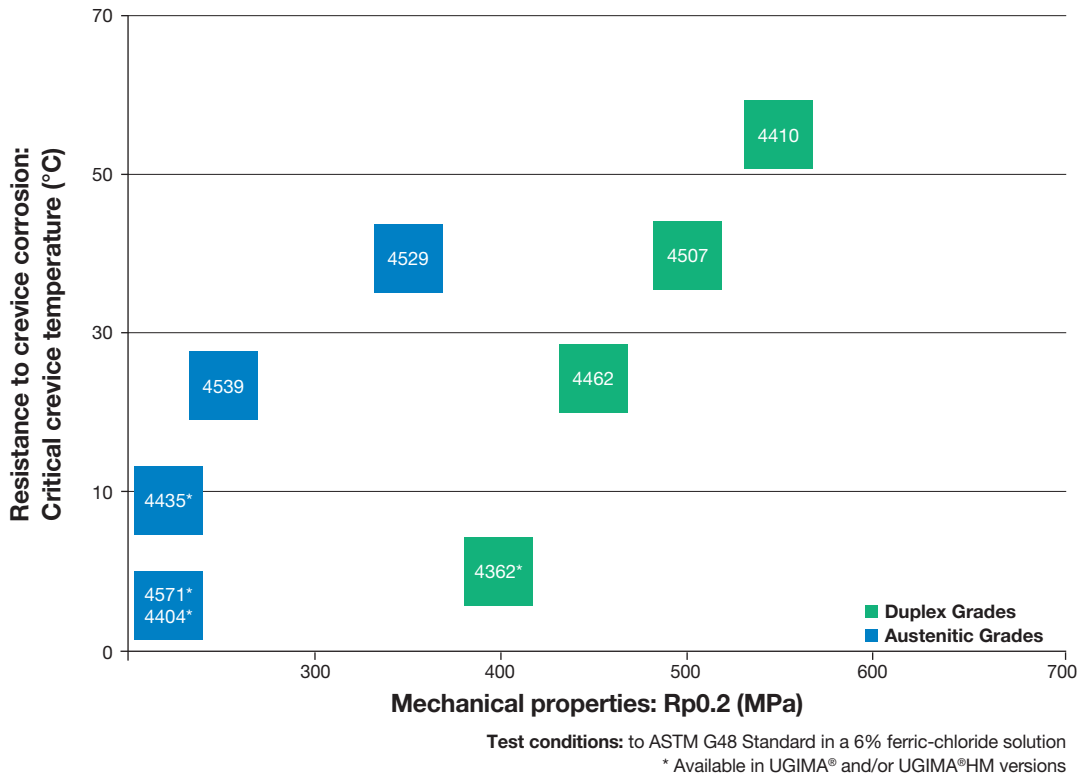


Salt water

Pitting corrosion test in a "Salt Water" environment



Crevice corrosion test in a "Salt Water" environment



Receive customized technical advice

Are you designing a new part? Do you need a specific product or a specific grade?
Do you need technical support with your first use of stainless steel or to switch grades?

Don't hesitate to contact our technical representatives who will help you find the best stainless steel solution for your products.



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Applications specifically suggested for material described herein are made for the purpose of illustration only to enable the reader to make its own evaluation and are not intended as warranties, either express or implied, of fitness for any purposes.