



## Stainless Steel FAQ's

### What is the difference between Grade 304 and Grade 316 stainless steel?

The pros and cons on different grades of stainless steel are as follows:

Grade 316	Grade 304
Offers excellent corrosion resistance and heat resistance at higher temperatures than 304	Excellent corrosion and heat resistance
Greater resistance to a wider array of chemicals than 304	304 chemical composition make it the most versatile stainless steel offering the best all-round performance stainless steel at low cost
Good oxidation resistance	304 can be subject to pitting, crevice and stress corrosion cracking when exposed to high chloride environments and heats beyond 50°C
Good mechanical properties	
<b>Typical applications include:</b> <ul style="list-style-type: none"> <li>• Architecture for marine areas</li> <li>• Food preparation equipment</li> <li>• Laboratory benches &amp; equipment</li> <li>• Swimming Pool areas</li> <li>• Salt water environment areas</li> </ul>	<b>Typical applications include:</b> <ul style="list-style-type: none"> <li>• General architecture</li> <li>• Tanks</li> <li>• Containers</li> <li>• Catering equipment and utensils</li> <li>• Commercial &amp; domestic kitchen construction</li> <li>• Use in chemical or petrochemical areas</li> </ul>

