



TIG 308

Most frequently used for base metals of similar composition.

Chemical Composition		
C-0.08%	Mn-1.0-2.5%	Si-0.30-0.65%
S-0.03%	P-0.03%	Cr-19.5-22.0%
Ni-9.0-11.0%	Mo-0.75%	Cu-0.75%
Fe-Rem		



PN: 0308T30
1/16" x 36" - 10# PKG

PART NO.	SIZE
0308TE0	.030" x 36" - 10# PKG
0308TF0	.035" x 36" - 10# PKG
0308TH0	.045" x 36" - 10# PKG
0308T30	1/16" x 36" - 10# PKG
0308T50	3/32" x 36" - 10# PKG
0308T60	1/8" x 36" - 10# PKG
0308T70	5/32" x 36" - 10# PKG
0308T80	3/16" x 36" - 10# PKG
POP PART NO.	SIZE
0308T305POP	1/16" x 36" - 5# PKG

TIG 308L

Similar usage as 308, but the 0.03% maximum carbon content increases resistance to intergranular corrosion.

Chemical Composition		
C-0.03%	Mn-1.0-2.5%	Si-0.30-0.65%
S-0.03%	P-0.03%	Cr-19.5-22.0%
Ni-9.0-11.0%	Mo-0.75%	Cu-0.75%
Fe-Rem		



PN: 308LT30
.045" x 36" - 10# PKG

PART NO.	SIZE
308LTE0	.030" x 36" - 10# PKG
308LTF0	.035" x 36" - 10# PKG
308LTH0	.045" x 36" - 10# PKG
308LT30	1/16" x 36" - 10# PKG
308LT50	3/32" x 36" - 10# PKG
308LT60	1/8" x 36" - 10# PKG
308LT70	5/32" x 36" - 10# PKG
308LT80	3/16" x 36" - 10# PKG
POP PART NO.	SIZE
308LT300POP	1/16" x 36" - 1# PKG
308LT500POP	3/32" x 36" - 1# PKG
308LT600POP	1/8" x 36" - 1# PKG
308LT303POP	1/16" x 36" - 3# PKG
308LT503POP	3/32" x 36" - 3# PKG
308LT603POP	1/8" x 36" - 3# PKG
308LT505POP	3/32" x 36" - 5# PKG

TIG 308LSi

Similar usage as the above, but the 0.65-1.00% silicon content improves wash and wetting behavior in the GTAW welding process.

Chemical Composition		
C-0.03%	Mn-1.0-2.5%	Si-0.65-1.0%
S-0.03%	P-0.03%	Cr-19.5-22.0%
Ni-9.0-11.0%	Mo-0.75%	Cu-0.75%
Fe-Rem		



PN: 308ST50
3/32" x 36" - 10# PKG

PART NO.	SIZE
308ST30	1/16" x 36" - 10# PKG
308ST50	3/32" x 36" - 10# PKG
308ST60	1/8" x 36" - 10# PKGS
POP PART NO.	SIZE
308ST3011POP	1/16" x 36" S/S - 1# PKG
308ST5011POP	3/32" x 36" S/S - 1# PKG
308ST6011POP	1/8" x 36 S/S - 1# PKG

TIG 309

Used for welding similar alloys in wrought or cast form; occasionally used for welding 18-8 base metals when severe corrosion conditions exist; and, at times, welding dissimilar steels.

Chemical Composition		
C-0.12%	Mn-1.0-2.5%	Si-0.30-0.65%
S-0.03%	P-0.03%	Cr-23.0-25%
Ni-12.0-14.0%	Mo-0.75%	Cu-0.75%
Fe-Rem		



PN: 0309T50
3/32" x 36" - 10# PKG

PART NO.	SIZE
0309T30	1/16" x 36" - 10# PKG
0309T50	3/32" x 36" - 10# PKG
0309T60	1/8" x 36" - 10# PKG

TIG 309L

The 309L grade is similar to 309 except for the lower carbon content, (.03% maximum) which reduces the possibility of carbide precipitation which can cause weld corrosion.

Chemical Composition		
C-0.03%	Mn-1.0-2.5%	Si-0.30-0.65%
S-0.03%	P-0.03%	Cr-23.0-25.0%
Ni-12.0-14.0%	Mo-0.75%	Cu-0.75%
Fe-Rem		



PN: 309LT30
.045" x 36" - 10# PKG

PART NO.	SIZE
309LTH0	.045" X 36" - 10# PKG
309LT30	1/16" x 36" - 10# PKG
309LT50	3/32" x 36" - 10# PKG
309LT60	1/8" x 36" - 10# PKG
309LT70	5/32" x 36" - 10# PKG
POP PART NO.	SIZE
309LT303POP	1/16" x 36" - 3# PKG
309LT503POP	3/32" x 36" - 3# PKG
309LT603POP	1/8" x 36" - 3# PKG