FILLER METAL SELECTION TABLE FOR STAINLESS STEEL WELDING

PRODUCTS Properties	308L-16	308L-17	309L-16	309L-17	310 –16	316L-16	316L-17	316 L-VD	416 Jet
Tensile strength (x 1000 psi)	>78	>78	>81	>81	>80	>81	>81	>81	90
Elongation (%)	>35	>35	>35	>35	>30	>35	>35	>30	40
Vertical down welding	/00	/00	/00	/00	/00	/00	/00	1	70
High-recovery									1
Thin sections					2	2			1
No "popping"slag									
Welding of 304 — 304L stainless	1	1	2	2					
Welding of 308 — 308L stainless	1	1	2	2					
Welding of 321 stainless	1	1	2	2					
Welding of 347 stainless	1	1	2	2					
Welding of 310 stainless					1				
Welding of 316 — 316L stainless						1	1	1	1
Welding of 317L stainless						1	1	1	1
Welding of 309 — 309L stainless			1	1					
Welding of 318 stainless						1	1	1	1
Paper mills									

Paper mills
Hospitals
Petroleum
Breweries

Dairy industries

For all applications in these industries, consult the FSH Welding Canada Technical Department..

1 = N	lost efficient	product(s);	/	=	Recommend	led	produ	uct(s))

Note:			
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This table is not exhaustive; other products may be suitable for certain applications and/or characteristics. Consult the **FSH Welding Canada** Technical Department.

