

## FILLER METAL SELECTION TABLE FOR NICKEL ALLOYS WELDING

PROPERTIES	PRODUCTS		
	1690	1690 SP	NI190
Tensile strength (x 1000 psi)	100	100	>69,5
Elongation (%)	40 - 43	40 - 43	>30
High-recovery		✓	
Corrosion resistance	2	2	1
Position welding	1	2	1
Cracking resistance	1	1	2
Difficult-to-weld steels	1	1	
Heterogeneous assemblies	1	1	
Monel® welding with steel, copper, nickel, etc.			1
Monel® alloy welding			1
Nickel alloy welding	1	1	
Heavy section parts	2	1	
Refractory steels	1	1	
Cryogenic steels	1	1	
Monel® pumps			1
Monel® valves			1
Severe stress	1	1	

1 = Most efficient product(s) ; ✓ = Recommended product(s)

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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