FILLER METAL SELECTION TABLE FOR CUTTING, CHAMFERING AND PIERCING

PROPERTIES \ PRODUCTS	G12	212 SP	PRIME CUT
Superior blowing capacity	1	2	1
Chamfering	1	1	1
Piercing	1	2	1
Cutting	1	1	1
Compressed air not required	✓	✓	✓
Low smoke	2	1	1
Efficiency on AC power supply	2	1	
Removing weld beads	1	2	3
Non-conductive coating	2	1	
No adherence between scories and base metal	2	1	1
Shaft piercing			1
Cutting non-ferrous metals	2	2	1
Cutting ferrous metals	2	2	1
No preheat	✓	✓	✓
Flexible electrodes	3	2	1
Electricity not required			✓
No carbon deposits	✓	✓	✓
Efficiency in humid environment	2	2	1

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

NOTE :

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

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