

Synergic programs list for Art. 301/302 – Rev.06

Number of Curves:

80

**Last Approved:
16/10/2020**

Material	Alloy	Diameter	Gas	Pulse	Short	N.
Fe	SG2 (G3Si1)	0.6mm	Ar 18%CO2	•	•	1
Fe	SG2 (G3Si1)	0.8mm	Ar 18%CO2	•	•	2
Fe	SG2 (G3Si1)	0.9mm	Ar 18%CO2	•	•	3
Fe	SG2 (G3Si1)	1.0mm	Ar 18%CO2	•	•	4
Fe	SG2 (G3Si1)	1.2mm	Ar 18%CO2	•	•	5
Fe	SG2 (G3Si1)	0.6mm	Ar 25%CO2	•	•	11
Fe	SG2 (G3Si1)	0.8mm	Ar 25%CO2	•	•	12
Fe	SG2 (G3Si1)	0.9mm	Ar 25%CO2	•	•	13
Fe	SG2 (G3Si1)	1.0mm	Ar 25%CO2	•	•	14
Fe	SG2 (G3Si1)	0.6mm	CO2		•	7
Fe	SG2 (G3Si1)	0.8mm	CO2		•	8
Fe	SG2 (G3Si1)	0.9mm	CO2		•	9
Fe	Union X96 (ER120S-G)	0.8mm	Ar 18%CO2	•	•	200
Fe	Union X96 (ER120S-G)	0.8mm	Ar 25%CO2	•	•	201
Al	Al45MnZr (5087)	1.0mm	Ar	•		69
Al	AlMg2.7Mn (5554)	1.0mm	Ar	•	•	48
Al	AlMg2.7Mn (5554)	1.2mm	Ar	•	•	49
Al	AlMg5 (5356)	0.8mm	Ar	•	•	52
Al	AlMg5 (5356)	0.9mm	Ar	•	•	53
Al	AlMg5 (5356)	1.0mm	Ar	•	•	54
Al	AlMg5 (5356)	1.2mm	Ar	•		55
Al	AlSi12 (4047)	0.6mm	Ar	•	•	63
Al	AlSi12 (4047)	0.8mm	Ar	•	•	64
Al	AlSi12 (4047)	0.9mm	Ar	•	•	65
Al	AlSi12 (4047)	1.0mm	Ar	•	•	66
Al	AlSi12 (4047)	1.2mm	Ar	•		67
Al	AlSi5 (4043)	1.0mm	Ar	•	•	60
Al	AlSi5 (4043)	1.2mm	Ar	•		61
Al	AlSiCu (4145)	1.2mm	Ar	•	•	75
SS	308L	0.6mm	Ar 2%CO2	•		21
SS	308L	0.8mm	Ar 2%CO2	•	•	22
SS	308L	0.9mm	Ar 2%CO2	•	•	23
SS	308L	1.0mm	Ar 2%CO2	•	•	24
SS	308L	0.8mm	Ar 2%O2	•	•	28
SS	308L	1.0mm	Ar 2%O2	•	•	29
SS	316L	0.8mm	Ar 2%CO2	•		32
SS	316L	1.0mm	Ar 2%CO2	•		33
Speciale	AlBz8 (CuAl8)	0.8mm	Ar	•	•	91
Speciale	AlBz8 (CuAl8) - UHSS	0.8mm	Ar	•	•	92
Speciale	AlBz8 (CuAl8)	1.0mm	Ar	•	•	94
Speciale	AlBz8 (CuAl8)	0.8mm	Ar 15%He		•	96
Speciale	AlBz8 (CuAl8)	1.0mm	Ar 15%He		•	97
Speciale	CuSi3	0.8mm	Ar	•	•	81
Speciale	CuSi3 - UHSS	0.8mm	Ar	•	•	82
Speciale	CuSi3	0.9mm	Ar	•	•	83
Speciale	CuSi3	1.0mm	Ar	•	•	84
Speciale	CuSi3	0.8mm	Ar 15%He		•	86
Speciale	CuSi3	1.0mm	Ar 15%He		•	89