

◎ LID & Stiffener Guide - 소재 특성 및 규격

Material	Property		Dimension			
	Pros	Cons		Width	Length	Thiciness
C1100	Good electrical conductivity, good processing and low cost	Risk of hydrogen embrittlement, unsuitable for high-temperature welding, and has relatively low strength.	min	12.3	12.5	0.3
			Max	75	111	4.8
C1020	Resistance to hydrogen embrittlement (suitable for high-temperature welding), extremely high electrical conductivity, excellent ductility, and good vacuum stability	Slightly lower strength, pure copper is relatively soft	min	12.3	12.5	0.3
			Max	75	111	4.8
SUS304	Excellent processing performance → Good ductility	Low hardness	min	28	36	0.2
			Max	114	117	3.5
SUS403	Good thermal conductivity	Normal ductility	min	28	36	0.2
			Max	114	117	3.5