

【 ST-302R 】 thickness loss chart

· Chemical : **ST-302R**, 25% 용액 · 1 mg = 1/1000g
 · 시편 Size : 100×50mm · 1 μm = 1/1000mm
 · 온도 및 침적시간: 40℃, 8hr

		1hr dipping	2hr dipping	3hr dipping	4hr dipping	5hr dipping	6hr dipping	7hr dipping	8hr dipping
Iron(SS41) [비중 7.852]	weight before(mg)	37,782	37,755	37,729	37,702	37,680	37,646	37,620	37,596
	weight after(mg)	37,755	37,729	37,702	37,680	37,646	37,620	37,596	37,581
	loss weight(mg)	27	26	27	22	34	26	24	15
	thickness lost(μm)	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2
	ulative thickness los	0.3	0.7	1.0	1.3	1.7	2.1	2.4	2.6
SUS304 [비중 7.93]	weight before(mg)	37,111	37,111	37,111	37,111	37,111	37,111	37,111	37,111
	weight after(mg)	37,111	37,111	37,111	37,111	37,111	37,111	37,111	37,111
	loss weight(mg)	0	0	0	0	0	0	0	0
	thickness lost(μm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Al(A5052) [비중 2.68]	weight before(mg)	13,151	13,151	13,151	13,150	13,150	13,150	13,150	13,150
	weight after(mg)	13,151	13,151	13,150	13,150	13,150	13,150	13,150	13,149
	loss weight(mg)	-	-	1	-	0	0	-	1
	thickness lost(μm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Copper [비중 8.9]	weight before(mg)	10,859	10,859	10,858	10,858	10,858	10,856	10,856	10,855
	weight after(mg)	10,859	10,858	10,858	10,858	10,856	10,856	10,855	10,853
	loss weight(mg)	0	1	0	0	2	0	1	2
	thickness lost(μm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Brass(6:4) [비중 8.4]	weight before(mg)	10,494	10,494	10,493	10,491	10,490	10,489	10,489	10,486
	weight after(mg)	10,494	10,493	10,491	10,490	10,489	10,489	10,486	10,484
	loss weight(mg)	0	1	2	1	1	0	3	2
	thickness lost(μm)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	ulative thickness los	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2

SS41 두께 감량

처리 시간	1hr	2hr	3hr	4hr	5hr	6hr	7hr	8hr
ST-302R(40℃)	0.3	0.7	1.0	1.3	1.7	2.1	2.4	2.6
RR-101A(40℃)	0.4	0.7	1.1	1.4	1.7	1.9	2.4	2.7
RR-101B(40℃)	0.3	0.6	0.9	1.3	1.7	2.1	2.5	2.9

