

Surface Finish Cross Reference Chart

Grit No.	USA Finish #	Common Name	[USA] Ra Microinch	E/P Range Ra Microinch	[UK] Ra Micron	Rmax Microinch	[Japan] Rmax Micron	Approx.RMS Microinch	ISO No.	ASTM STD Ra Microinch	Japanese Standard
			2000		50	7875	200		N12		
			1000		25	3940	100		N11		
			500		12.5	1968	50		N10		
60	#1	Mill Plate	250	50 max.	8.3	985	25		N9	140 max.	
			125		3.2	492	12.5		N8		
80	#2	Satin Sheet	70 max.					80			
			40-60								
			63		1.6		6.3		N7		
100-120	#3		52					58			
120	#4	Commercial #4	40-60 typ.								
150	#4	3A Sanitary Finish	42 max.					42-48		16 max.	
			30-35								
		ANSI #4 Sanitary Finish	32		0.8	126	3.2		N6		
180	#4		30 max.	15-20				34		25 max.	Buff #100
			20-30								
200-220	#4S	Biotech Finish	25 max.								
			20-25								
240	#6		15-20	10-15				17		8-20	
			16		0.4	63	1.6	17 max.	N5	6-15	
320	#7		12 max.								
			8-12								
			12		0.3	42	1.5	13-14			Buff #200
			8		0.2	31	0.8	8	N4		Buff #300
400	#8	Mirror Finish	4-8								
500	#8	Supermirror Finish	<4								
			3-8								
500	#8	Supermirror Finish	4		0.1	16	0.4	4-10	N3		Buff #400
					0.06	8	0.2		N2		
	ASTM A480		1		0.025	4	0.1		N1		

*Chart provided by Commercial Metal Polishing



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