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 NUMBER	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 - 47		46 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	Biothech 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
			2		0.06	8	0.2		N2		
			1		0.025	4	0.1		N1		

Common USA name.
ASTM A480.

Chart provided by Commercial Metal Polishing, Bethlehem, PA

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