

**TABLE A1
ABRASIVE CLEANING AND CONSUMPTION RATES**

Generic Abrasive Type	Time (min)	SF Cleaned	Metering Valve Settings	Cleaning Rate (FT²/Hour)	Consumption Rate (Lbs./Hour)	Consumption Rate (Lbs./FT²)
CS-06	22.7	54.5	#5 (1/2")	144	1032	7.2
N-01	31.55	54.4	#3 (3/8")	104	947	9.2
S-02	24.87	58.2	#2 (5/16")	140	1137	8.1
SS-04	25.00	53.0	#2 (5/16")	127	1077	8.5
SSDS-03	21.80	53.0	#2 (5/16")	146	1284	8.8
CP-2A	33.00	56.3	#4 (7/16")	102	870	8.5
G-3A	19.92	57.4	(#2) (5/16")	173	1383	8.0
SG-2A	41.55	57.1	#3 (3/8")	83	1287	15.6

**TABLE A2
SURFACE PROFILE**

Run Number	Surface Profile Measurements (mils)*														Average Surface Profile (mils)
CS-06	4.4	4.5	4.5	4.1	3.6	3.9	4.0	4.3	4.3	4.1	4.2	4.0	4.5	4.5	4.2
N-01	4.3	3.3	4.2	4.3	4.0	4.0	4.0	4.3	3.5	4.0	4.0	4.2	4.5	4.5	4.1
S-02	4.1	4.3	4.3	4.5	4.3	4.0	4.2	4.2	2.1	3.1	4.2	4.2	3.6	3.5	3.9
SS-04	4.5	4.3	4.5	3.9	4.5	4.0	4.0	4.4	3.9	4.2	4.4	4.1	4.5	4.5	4.3
SSDS-03	4.0	3.8	4.2	4.1	4.2	3.8	4.3	4.3	3.2	3.6	3.8	4.0	4.3	4.3	4.0
CP-2A	4.4	4.5	4.5	4.4	4.3	4.5	4.5	4.5	4.5	4.2	4.2	4.4	4.5	4.0	4.4
G-3A	4.0	4.2	4.5	4.5	4.2	4.5	4.5	4.5	4.5	4.5	4.2	4.5	4.3	4.5	4.4
SG-2A	4.2	4.1	4.3	4.0	4.2	4.5	4.2	4.5	4.3	4.5	4.5	4.4	4.4	4.4	4.3

* Measurements equal to 4.5 mils represent a minimum of 4.5 mils. Higher measurements cannot be obtained using Testex Tape.

**TABLE A3
BREAKDOWN RATE**

Abrasive Type	Pre-Blast Particle Size (mm x 100)	Post-Blast Particle Size (mm x 100)	Average Particle Size is Reduced by X%	Average Particle Size is X% of Original
CS-06	51	21	58.82	41.18
N-01	52	22	57.69	42.31
S-02	17	12	29.41	70.59
SS-04	48	22	54.17	45.83
SSDS-03	39	23	41.03	58.97
CP-2A	79	27	65.82	34.18
G-3A	38	19	50.00	50.00
SG-2A	51	49	3.92	96.08

**TABLE A4
EMBEDMENT RESULTS**

Embedment Results (%)	Measurement Number	Abrasive Type							
		CS-06	N-01	S-02	SS-04	SSDS-03	CP-2A	G-3A	SG-2A
Area No. 1	1	15	7	5	7	2	14	25	9
	2	20	3	3	7	4	17	4	12
	3	21	4	2	8	4	13	12	9
	4	10	4	1	4	3	6	5	6
	5	13	3	1	3	1	9	0	4
Area No. 2	1	16	5	6	5	2	10	8	7
	2	21	3	4	6	3	12	6	9
	3	22	5	3	5	3	14	5	4
	4	9	2	3	5	0	9	3	6
	5	8	1	1	8	2	11	4	7
Area No. 3	1	27	3	4	3	4	19	3	7
	2	25	2	1	5	1	14	5	27
	3	29	1	0	3	3	12	3	8
	4	12	1	0	6	1	9	2	13
	5	14	1	1	8	0	12	3	9
Area No. 4	1	30	0	3	1	4	14	22	30
	2	19	3	1	1	0	11	17	13
	3	25	3	2	1	4	13	4	9
	4	17	2	1	1	1	10	1	10
	5	8	7	2	3	1	9	0	7
Area No. 5	1	21	2	0	3	5	12	2	21
	2	20	6	0	7	2	12	13	21
	3	19	2	1	1	3	11	3	15
	4	13	1	0	2	0	10	1	5
	5	9	1	0	6	0	9	2	8
Area No. 6	1	16	2	3	6	0	13	2	14
	2	17	2	2	3	2	12	3	26
	3	25	2	0	4	2	11	3	9
	4	11	1	0	16	0	6	1	6
	5	9	3	0	4	0	9	1	7
Area No. 7	1	15	3	2	3	0	10	5	21
	2	15	6	1	2	1	7	2	15
	3	12	0	0	6	3	11	1	5
	4	11	2	1	2	1	6	2	7
	5	7	1	1	3	0	9	2	4
Average Embedment (%)		16.6	2.7	1.6	4.5	1.8	11.0	5.0	11.1