

# Texture Tests

Texture No.	Depth	Draft	1x Print	2x Print
MT-11000	0.0004"	1	<b>PASS</b>	<b>PASS</b>
MT-11010	0.001"	1.5	<b>PASS</b>	<b>PASS</b>
MT-11020	0.0015"	2.5	<i>Fail</i>	<i>Fail</i>
MT-11030	0.002"	3	<i>Fail</i>	<i>Fail</i>
MT-11040	0.003"	4.5	<i>Fail</i>	<i>Fail</i>
MT-11050	0.0045"	6.5	<i>Fail</i>	<i>Fail</i>
MT-11060	0.003"	4.5	<i>Fail</i>	<i>Fail</i>
MT-11070	0.003"	4.5	<i>Fail</i>	<i>Fail</i>
MT-11080	0.002"	3	<b>PASS</b>	<b>PASS</b>
MT-11090	0.0035"	5.5	<i>Fail</i>	<i>Fail</i>
MT-11100	0.006"	9	<i>Fail</i>	<i>Fail</i>
MT-11110	0.0025	4	<i>Fail</i>	<i>Fail</i>
MT-11120	0.002"	3	<i>Fail</i>	<b>PASS</b>
MT-11130	0.0025"	4	<i>Fail</i>	<b>PASS</b>
MT-11140	0.0025"	4	<b>PASS</b>	<b>PASS</b>
MT-11150	0.00275"	4	<b>PASS</b>	<b>PASS</b>
MT-11160	0.004"	6	<i>Fail</i>	<i>Fail</i>
MT-11200	0.003"	4.5	<b>PASS</b>	<b>PASS</b>
MT-11205	0.0025"	4	<b>PASS</b>	<b>PASS</b>
MT-11210	0.0035"	5.5	<i>Fail</i>	<b>PASS</b>
MT-11215	0.0045"	6.5	<i>Fail</i>	<i>Fail</i>
MT-11220	0.005"	7.5	<i>Fail</i>	<i>Fail</i>
MT-11225	0.0045"	6.5	<i>Fail</i>	<i>Fail</i>
MT-11230	0.0025"	4	<i>Fail</i>	<i>Fail</i>
MT-11235	0.004"	6	<i>Fail</i>	<i>Fail</i>
MT-11240	0.0015"	2.5	<b>PASS</b>	<b>PASS</b>
MT-11245	0.002"	3	<i>Fail</i>	<b>PASS</b>
MT-11250	0.0025"	4	<i>Fail</i>	<b>PASS</b>
MT-11255	0.002"	3	<i>Fail</i>	<i>Fail</i>
MT-11260	0.004"	6	<i>Fail</i>	<i>Fail</i>
MT-11265	0.005"	7	<i>Fail</i>	<i>Fail</i>
MT-11270	0.004"	6	<i>Fail</i>	<b>PASS</b>
MT-11275	0.0035"	5	<b>PASS</b>	<b>PASS</b>
MT-11280	0.0055"	8	<b>PASS</b>	<b>PASS</b>

Texture No.	Depth	Draft	1x Print	2x Print
MT-11300	0.0025"	3.5	<b>PASS</b>	<b>PASS</b>
MT-11305	0.005"	7.5	<i>Fail</i>	<i>Fail</i>
MT-11310	0.005"	7.5	<i>Fail</i>	<i>Fail</i>
MT-11315	0.001"	1.5	<b>PASS</b>	<b>PASS</b>
MT-11320	0.0025"	4	<i>Fail</i>	<i>Fail</i>
MT-11325	0.003"	4.5	<i>Fail</i>	<i>Fail</i>
MT-11330	0.002"	3	<i>Fail</i>	<i>Fail</i>
MT-11335	0.002"	3	<b>PASS</b>	<b>PASS</b>
MT-11340	0.003"	4.5	<b>PASS</b>	<b>PASS</b>
MT-11345	0.003"	4.5	<b>PASS</b>	<b>PASS</b>
MT-11350	0.0035"	5.5	<b>PASS</b>	<b>PASS</b>
MT-11355	0.0025"	4	<i>Fail</i>	<i>Fail</i>
MT-11360	0.0035"	5.5	<i>Fail</i>	<i>Fail</i>
MT-11365	0.0045"	7	<i>Fail</i>	<i>Fail</i>
MT-11370	0.004"	6	<i>Fail</i>	<i>Fail</i>
MT-11375	0.004"	6	<i>Fail</i>	<b>PASS</b>
MT-11380	0.004"	6	<b>PASS</b>	<b>PASS</b>
MT-11400	0.002"	3	<b>PASS</b>	<b>PASS</b>
MT-11405	0.0025"	4	<b>PASS</b>	<b>PASS</b>
MT-11410	0.0035"	5.5	<b>PASS</b>	<b>PASS</b>
MT-11415	0.002"	3	<b>PASS</b>	<b>PASS</b>
MT-11420	0.0025"	4	<i>Fail</i>	<i>Fail</i>
MT-11425	0.0035"	5.5	<b>PASS</b>	<b>PASS</b>
MT-11430	0.007"	10	<i>Fail</i>	<i>Fail</i>
MT-11435	0.010"	15	<i>Fail</i>	<i>Fail</i>
MT-11440	0.0005"	1.5	<b>PASS</b>	<b>PASS</b>
MT-11445	0.0015"	2.5	<b>PASS</b>	<b>PASS</b>
MT-11450	0.0025"	4	<b>PASS</b>	<b>PASS</b>
MT-11455	0.003"	4.5	<b>PASS</b>	<b>PASS</b>
MT-11460	0.0035"	5.5	<b>PASS</b>	<b>PASS</b>
MT-11465	0.005"	7.5	<b>PASS</b>	<b>PASS</b>
MT-11470	0.002"	3	<i>Fail</i>	<i>Fail</i>
MT-11475	0.002"	3	<b>PASS</b>	<b>PASS</b>
MT-11480	0.003"	4.5	<i>Fail</i>	<b>PASS</b>

Purpose of test: To determine if texture is printable given normal, average operating parameters.

**Parameters:**

Date: February 10, 1998  
 Machine: Model 802, open ink well  
 Ink: 18 Series white with 10 percent  
 37-172 hardener and 15 percent solvent Y  
 Cliché: .250 steel, etch depth .001"  
 Pad: T-24 20 percent R  
 Cycle: 5.5 sec. Single print, 11.0 sec. Double Print.

Each printed sample was visually inspected for coverage and opacity. A Pass/Fail determination indicates whether a given texture was capable of being successfully covered when processed by the above parameters.

While some textures could possibly be covered by increasing the ink's surface tension on the pad and/or the part during the process by the introduction of airflow across the ink film surface(s), this was not the purpose of the test. Doing so results in 'bridging' which is both difficult to do consistently, and risky since adhesion is reduced.