

# DuPont™ Cyrel® Plate Making Guidelines

## Lightning Plates

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>LSE 045</b>	1.14 / 45	73	0.050 / 2	50	0.45-0.55 / 18-22	1.2 / 150	1.2 / 60	LSE 045 XPS Recipe		5-6	1.5-2	1-2	2-4	<b>LSE 045</b>
<b>LSE 067</b>	1.70 / 67	65	0.050 / 2	50	0.45-0.65 / 18-22	1.2 / 150	1.2 / 60	LSE 067 XPS Recipe		5.5-6.5	2-3	1-2	2-4	<b>LSE 067</b>
<b>LFH 045</b>	1.14 / 45	74	0.05 / 2	100	0.50-0.55 / 20-22	2.0 / 150	2.0 / 60	LFH 045 XPS Recipe		n/a	n/a	2-3	4-5	<b>LFH 045</b>
<b>LFH 067</b>	1.70 / 67	66	0.05 / 2	100	0.50-0.55 / 20-22	2.0 / 150	2.0 / 60	LFH 067 XPS Recipe		n/a	n/a	2-3	4-5	<b>LFH 067</b>
<b>LSH 045</b>	1.14 / 45	75	0.050 / 2	50	0.45-0.55 / 18-22	1.2 / 150	1.2 / 60	LSH 045 XPS Recipe		5-6	1.5-3	2-4	4-6	<b>LSH 045</b>
<b>LSH 067</b>	1.70 / 67	68	0.050 / 2	50	0.45-0.55 / 18-22	1.2 / 150	1.2 / 60	LSH 067 XPS Recipe		5.5-6.5	1.5-3	2-4	4-6	<b>LSH 067</b>
<b>LSH 100</b>	2.54 / 100	65	0.075 / 3	150	0.50-1.00 / 20-40	1.6 / 150	1.6 / 60	LSH 100 XPS Recipe		7.5-8.5	2-3	2-4	4-6	<b>LSH 100</b>
<b>LSH 107</b>	2.72 / 107	64	0.075 / 3	150	0.50-1.00 / 20-40	1.6 / 150	1.6 / 60	LSH 107 XPS Recipe		7.5-8.5	2-3	2-4	4-6	<b>LSH 107</b>
<b>LSH 112</b>	2.84 / 112	64	0.075 / 3	200	0.50-1.00 / 20-40	1.6 / 150	1.6 / 60	LSH 112 XPS Recipe		8.5-9.5	2-3	2-4	4-6	<b>LSH 112</b>

## Corrugated Plates

<b>HDC 112</b>	2.84 / 112	47	0.350 / 14	500	1.00-1.25 / 40-50	n/a	n/a	35	10	8-10	2-3	4-5	5-6	<b>HDC 112</b>
<b>HDC 155</b>	3.94 / 155	45	0.350 / 14	500	1.50-2.00 / 60-80	n/a	n/a	40	12	12-14	2-3	4-5	5-6	<b>HDC 155</b>
<b>HDC 185</b>	4.70 / 185	43	0.350 / 14	500	1.80-2.20 / 70-88	n/a	n/a	45	12	14-16	2-3	4-6	6-8	<b>HDC 185</b>
<b>TCP 155</b>	3.94 / 155	37	0.350 / 14	500	1.50-2.00 / 60-80	3.0 / 85	3.0 / 36	45	12	14-16	2-3	3-4	5-8	<b>TCP 155</b>
<b>TCP 170</b>	4.32 / 170	36	0.350 / 14	500	1.50-2.00 / 60-80	3.0 / 65	3.0 / 26	85	14	14-16	2-3	3-4	5-8	<b>TCP 170</b>
<b>TCP 185</b>	4.70 / 185	36	0.350 / 14	500	1.80-2.20 / 70-88	3.0 / 65	3.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>TCP 185</b>
<b>TCP 197</b>	5.00 / 197	36	0.350 / 14	500	2.00-2.50 / 78-100	3.0 / 65	3.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>TCP 197</b>
<b>TCP 217</b>	5.51 / 217	35	0.350 / 14	500	2.00-2.50 / 78-100	3.0 / 65	3.0 / 26	100	14	16-18	2-3	3-4	5-8	<b>TCP 217</b>
<b>TCP 237</b>	6.02 / 237	35	0.350 / 14	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	100	15	16-18	2-3	3-4	5-8	<b>TCP 237</b>
<b>TCP 250</b>	6.35 / 250	34	0.350 / 14	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	110	15	18-20	2-3	3-4	5-8	<b>TCP 250</b>

## Corrugated Plates

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>DEC 112</b>	2.84 / 112	38	0.180 / 7	500	1.00-1.25 / 40-50	4.0 / 100	4.0 / 42	35	10	10-12	2-3	3-4	5-8	<b>DEC 112</b>
<b>DEC 125</b>	3.18 / 125	37	0.180 / 7	500	1.00-1.50 / 40-60	4.0 / 100	4.0 / 42	45	12	12-14	2-3	3-4	5-8	<b>DEC 125</b>
<b>DEC 155</b>	3.94 / 155	36	0.305 / 12	500	1.50-2.00 / 60-80	4.0 / 85	4.0 / 36	35	12	14-16	2-3	3-4	5-8	<b>DEC 155</b>
<b>DEC 170</b>	4.32 / 170	36	0.305 / 12	500	1.50-2.00 / 60-80	4.0 / 65	4.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>DEC 170</b>
<b>DEC 185</b>	4.70 / 185	36	0.350 / 14	500	1.80-2.20 / 70-88	4.0 / 65	4.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>DEC 185</b>
<b>DEC 197</b>	5.00 / 197	36	0.350 / 14	500	2.00-2.50 / 78-100	4.0 / 65	4.0 / 26	90	14	18-20	2-3	3-4	5-8	<b>DEC 197</b>
<b>DEC 217</b>	5.51 / 217	36	0.350 / 14	500	2.00-2.50 / 78-100	4.0 / 65	4.0 / 26	100	15	18-20	2-3	3-4	5-8	<b>DEC 217</b>
<b>DEC 237</b>	6.02 / 237	36	0.350 / 14	500	2.00-3.00 / 78-118	4.0 / 65	4.0 / 26	100	15	18-20	2-3	3-4	5-8	<b>DEC 237</b>
<b>DEC 250</b>	6.35 / 250	36	0.350 / 14	500	2.00-3.00 / 78-118	4.0 / 65	4.0 / 26	100	15	18-20	2-3	3-4	5-8	<b>DEC 250</b>
<b>DLC 112</b>	2.84 / 112	31	0.125 / 5	250	1.00-1.25 / 40-50	7.0 / 85	7.0 / 36	40	10	10	2-3	3	6	<b>DLC 112</b>
<b>DLC 125</b>	3.18 / 125	30	0.125 / 5	250	1.00-1.50 / 40-60	7.0 / 85	7.0 / 36	50	12	12-14	2-3	3	6	<b>DLC 125</b>
<b>DLC 155</b>	3.94 / 155	28	0.150 / 6	350	1.50-2.00 / 60-80	7.5 / 85	7.5 / 36	55	13	14-16	2-3	3	6	<b>DLC 155</b>
<b>DLC 170</b>	4.32 / 170	28	0.175 / 7	500	1.50-2.00 / 60-80	7.5 / 65	7.5 / 26	60	14	14-16	2-3	3	6	<b>DLC 170</b>
<b>DLC 185</b>	4.70 / 185	28	0.200 / 7.5	500	1.80-2.20 / 70-80	7.5 / 65	7.5 / 26	75	14	16-18	2-3	3	6	<b>DLC 185</b>
<b>DLC 197</b>	5.00 / 197	27	0.200 / 7.5	500	2.00-2.50 / 78-100	7.5 / 65	7.5 / 26	80	14	16-18	2-3	3	6	<b>DLC 197</b>
<b>DLC 217</b>	5.51 / 217	27	0.200 / 7.5	500	2.00-2.50 / 78-100	7.5 / 65	7.5 / 26	130	14	16-18	2-3	3	6	<b>DLC 217</b>
<b>DLC 237</b>	6.02 / 237	26	0.200 / 7.5	500	2.00-3.00 / 78-118	7.5 / 65	7.5 / 26	240	15	16-18	2-3	3	6	<b>DLC 237</b>
<b>DLC 250</b>	6.35 / 250	26	0.200 / 7.5	500	2.00-3.00 / 78-118	7.5 / 65	7.5 / 26	320	15	16-18	2-3	3	6	<b>DLC 250</b>
<b>DRC 112</b>	2.84 / 112	38	0.175 / 7	250	1.00-1.25 / 40-50	3.0 / 100	3.0 / 42	35	10	10-12	2-3	3-4	5-8	<b>DRC 112</b>
<b>DRC 125</b>	3.18 / 125	37	0.175 / 7	250	1.00-1.50 / 40-60	3.0 / 100	3.0 / 42	45	12	10-12	2-3	3-4	5-8	<b>DRC 125</b>
<b>DRC 155</b>	3.94 / 155	36	0.350 / 14	500	1.50-2.00 / 60-80	3.0 / 85	3.0 / 36	45	12	14-16	2-3	3-4	5-8	<b>DRC 155</b>
<b>DRC 185</b>	4.70 / 185	36	0.350 / 14	500	1.80-2.00 / 70-88	3.0 / 65	3.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>DRC 185</b>
<b>DRC 197</b>	5.00 / 197	36	0.350 / 14	500	2.00-2.50 / 78-100	3.0 / 65	3.0 / 26	85	14	16-18	2-3	3-4	5-8	<b>DRC 197</b>
<b>DRC 217</b>	5.51 / 217	35	0.350 / 14	500	2.00-2.50 / 78-100	3.0 / 65	3.0 / 26	100	14	16-18	2-3	3-4	5-8	<b>DRC 217</b>
<b>DRC 250</b>	6.35 / 250	34	0.350 / 14	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	110	15	18-20	2-3	3-4	5-8	<b>DRC 250</b>
<b>DRC 276</b>	7.01 / 276	34	0.350 / 14	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	120	15	20-22	2-3	3-4	5-8	<b>DRC 276</b>
<b>DPC 112</b>	2.84 / 112	38	0.125 / 7	250	1.00-1.25 / 40-50	4.0 / 120	4.0 / 48	45	10	10-12	2-3	2-3	5-6	<b>DPC 112</b>
<b>DPC 125</b>	3.18 / 125	37	0.175 / 7	275	1.00-1.50 / 40-60	4.0 / 120	4.0 / 48	55	12	12-14	2-3	2-3	5-6	<b>DPC 125</b>
<b>DPC 155</b>	3.94 / 155	36	0.250 / 12	500	1.50-2.00 / 60-80	4.0 / 100	4.0 / 42	65	12	14-16	2-3	3	5-6	<b>DPC 155</b>
<b>DPC 170</b>	4.32 / 170	35	0.300 / 12	500	1.50-2.00 / 60-80	4.0 / 100	4.0 / 42	80	14	14-16	2-3	3	5-6	<b>DPC 170</b>
<b>DHC 155</b>	3.94 / 155	45	0.350 / 14	250	1.50-2.00 / 60-80	n/a	n/a	35	12	14-16	2.5-3	4-5	5-6	<b>DHC 155</b>

## Corrugated Plates

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>EPC 112</b>	2.84 / 112	37	0.125 / 5	250	1.00-1.25 / 40-50	3.0 / 85	3.0 / 36	45	10	10-12	2-3	1-2	2-3	<b>EPC 112</b>
<b>EPC 125</b>	3.18 / 125	37	0.125 / 5	250	1.00-1.50 / 40-60	3.0 / 85	3.0 / 36	60	12	10-12	2-3	1-2	2-3	<b>EPC 125</b>
<b>EPC 155</b>	3.94 / 155	36	0.300 / 12	500	1.50-2.00 / 60-80	3.0 / 85	3.0 / 36	80	13	12-14	2-3	1-2	2-3	<b>EPC 155</b>
<b>EPC 185</b>	4.70 / 185	35	0.300 / 12	500	1.80-2.20 / 70-88	3.0 / 85	3.0 / 36	100	15	14-16	2-3	1-2	2-3	<b>EPC 185</b>
<b>EPC 217</b>	5.51 / 217	34	0.300 / 12	500	2.00-2.50 / 78-100	3.0 / 65	3.0 / 26	190	16	16-18	2-3	1-2	2-3	<b>EPC 217</b>
<b>EPC 237</b>	6.02 / 237	34	0.300 / 12	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	210	16	16-18	2-3	1-2	2-3	<b>EPC 237</b>
<b>EPC 250</b>	6.35 / 250	34	0.300 / 12	500	2.00-3.00 / 78-118	3.0 / 65	3.0 / 26	220	16	18-20	2-3	1-2	2-3	<b>EPC 250</b>

## Standard Digital Plates - Solvent

<b>DPR 045</b>	1.14 / 45	76	0.050 / 2	200	0.45-0.55 / 18-22	5.0 / 150	5.0 / 60	40	7	5.5-6.5	2-3	3-4	5-6	<b>DPR 045</b>
<b>DPR 067</b>	1.70 / 67	69	0.050 / 2	200	0.45-0.65 / 18-26	5.0 / 150	5.0 / 60	85	8	5.5-6.5	2-3	3-4	5-6	<b>DPR 067</b>
<b>DPR 100</b>	2.54 / 100	66	0.075 / 3	250	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	40	9	7.5-8.5	2-3	3-4	5-6	<b>DPR 100</b>
<b>DPR 107</b>	2.72 / 107	65	0.075 / 3	250	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	65	9	7.5-8.5	2-3	3-4	5-6	<b>DPR 107</b>
<b>DPR 112</b>	2.84 / 112	65	0.075 / 3	250	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	75	9	8.5-9.5	2-3	3-4	5-6	<b>DPR 112</b>
<b>DPN 045</b>	1.14 / 45	76	0.050 / 2	200	0.45-0.55 / 18-22	3.6 / 150	3.6 / 60	45	6	5.5-6	2-3	2-3	6-8	<b>DPN 045</b>
<b>DPN 067</b>	1.70 / 67	68	0.050 / 2	200	0.45-0.65 / 18-26	3.6 / 150	3.6 / 60	70	6	6-6.5	2-3	2-3	6-8	<b>DPN 067</b>
<b>DPN 100</b>	2.54 / 100	56	0.100 / 4	250	0.50-1.00 / 20-40	3.6 / 133	3.6 / 54	95	8	7.5-8	2-3	2-3	6-8	<b>DPN 100</b>
<b>DPN 112</b>	2.84 / 112	54	0.100 / 4	250	0.50-1.00 / 20-40	3.6 / 133	3.6 / 54	110	9	8-8.5	2-3	2-3	6-8	<b>DPN 112</b>
<b>DSM 067</b>	1.70 / 67	57	0.075 / 3	150	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	20	10	6-8	2-3	4-5	5-6	<b>DSM 067</b>
<b>DSM 090</b>	2.29 / 90	56	0.100 / 4	150	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	40	11	8-10	2-3	4-5	5-6	<b>DSM 090</b>
<b>DPI 030</b>	0.76 / 30	80	0.050 / 2	150	0.40-0.55 / 16-22	4.8 / 133	4.8 / 54	10	9	5.5-6	1.5-2	3-4	4-5	<b>DPI 030</b>
<b>DPI 045</b>	1.14 / 45	78	0.050 / 2	150	0.45-0.55 / 18-22	5.2 / 133	5.2 / 54	30	9	5.5-6	1.5-2	3-4	4-5	<b>DPI 045</b>
<b>DPI 067</b>	1.70 / 67	70	0.100 / 4	200	0.45-0.65 / 18-26	5.2 / 133	5.2 / 54	70	10	6-6.5	2-3	3-4	4-5	<b>DPI 067</b>
<b>DPL 045</b>	1.14 / 45	70	0.075 / 3	125	0.45-0.55 / 18-22	5.0 / 133	5.0 / 54	50	8	6-7	2-3	4-5	7-10	<b>DPL 045</b>
<b>DPL 067</b>	1.70 / 67	58	0.075 / 3	125	0.45-0.65 / 18-26	5.0 / 133	5.0 / 54	20	8	7-8	2-3	4-5	7-10	<b>DPL 067</b>
<b>DPL 080</b>	2.03 / 80	55	0.100 / 4	150	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	70	8	8-9	2-3	4-5	7-10	<b>DPL 080</b>
<b>DPL 090</b>	2.29 / 90	53	0.100 / 4	150	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	75	8	9-10	2-3	4-5	7-10	<b>DPL 090</b>
<b>DPL 107</b>	2.72 / 107	49	0.100 / 4	150	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	90	8	9-10	2-3	4-5	7-10	<b>DPL 107</b>
<b>DPL 112</b>	2.84 / 112	48	0.100 / 4	150	0.50-1.00 / 20-40	5.0 / 133	5.0 / 54	110	8	10-11	2-3	4-5	7-10	<b>DPL 112</b>

## Standard Digital Plates - Solvent

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>DS2 045</b>	1.14 / 45	74	0.050 / 2	200	0.45-0.55 / 18-22	5.6 / 133	5.6 / 54	40	9	5.5-6	2	2	8-10	<b>DS2 045</b>
<b>DS2 067</b>	1.70 / 67	62	0.050 / 2	200	0.45-0.65 / 18-26	6.0 / 133	6.0 / 54	35	9	6-6.5	2-3	2	8-10	<b>DS2 067</b>
<b>DS2 100</b>	2.54 / 100	50	0.100 / 4	250	0.50-1.00 / 20-40	6.4 / 133	6.4 / 54	80	10	7-7.5	2-3	2	8-10	<b>DS2 100</b>
<b>DS2 112</b>	2.84 / 112	49	0.100 / 4	250	0.50-1.00 / 20-40	6.4 / 133	6.4 / 54	90	12	8-8.5	2-3	2	8-10	<b>DS2 112</b>

## EASY Plates - Solvent & Thermal

<b>EFM 045</b>	1.14 / 45	72	0.100 / 4	100	0.45-0.55 / 18-22	2.0 / 150	2.0 / 60	40	8	n/a	n/a	1-2	2-4	<b>EFM 045</b>
<b>EFM 067</b>	1.70 / 67	59	0.100 / 4	100	0.45-0.65 / 18-26	2.0 / 150	2.0 / 60	30	8	n/a	n/a	1-2	2-4	<b>EFM 067</b>
<b>EFM 100</b>	2.54 / 100	49	0.100 / 4	150	0.50-0.80 / 20-32	2.0 / 150	2.0 / 60	100	8	n/a	n/a	1-2	2-4	<b>EFM 100</b>
<b>EFM 107</b>	2.72 / 107	48	0.100 / 4	150	0.50-0.80 / 20-32	2.0 / 150	2.0 / 60	110	8	n/a	n/a	1-2	2-4	<b>EFM 107</b>
<b>EFM 112</b>	2.84 / 112	47	0.100 / 4	150	0.50-0.90 / 20-36	2.0 / 150	2.0 / 60	160	8	n/a	n/a	1-2	2-4	<b>EFM 112</b>
<b>ESXR 045</b>	1.14 / 45	77	0.100 / 4	100	0.45-0.55 / 18-22	1.6 / 150	1.6 / 60	25	7	5-6	1.5-2.5	1-2	3-4	<b>ESXR 045</b>
<b>ESXR 067</b>	1.70 / 67	69	0.100 / 4	100	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	40	7	6-7	2-3	1-2	3-4	<b>ESXR 067</b>
<b>ESXR 100</b>	2.54 / 100	61	0.100 / 6	150	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	70	8	7-8	2-3	1-2	3-4	<b>ESXR 100</b>
<b>ESXR 112</b>	2.84 / 112	60	0.150 / 6	200	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	105	8	8-9	2-3	1-2	3-4	<b>ESXR 112</b>
<b>EFXR 045</b>	1.14 / 45	77	0.100 / 4	100	0.45-0.55 / 18-22	1.6 / 150	1.6 / 60	25	7	n/a	n/a	1-2	3-4	<b>EFXR 045</b>
<b>EFXR 067</b>	1.70 / 67	69	0.100 / 4	100	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	40	7	n/a	n/a	1-2	3-4	<b>EFXR 067</b>
<b>EFXR 100</b>	2.54 / 100	61	0.100 / 4	150	0.50-0.80 / 20-32	2.0 / 150	2.0 / 60	70	8	n/a	n/a	1-2	3-4	<b>EFXR 100</b>
<b>EFXR 107</b>	2.72 / 107	61	0.100 / 4	150	0.50-0.80 / 20-32	2.0 / 150	2.0 / 60	85	8	n/a	n/a	1-2	3-4	<b>EFXR 107</b>
<b>EFXR 112</b>	2.84 / 112	60	0.150 / 6	200	0.50-0.90 / 20-36	2.0 / 150	2.0 / 60	105	8	n/a	n/a	1-2	3-4	<b>EFXR 112</b>
<b>EPR2 030</b>	0.76 / 30	83	0.100 / 4	150	0.40-0.55 / 16-22	1.6 / 133	1.6 / 54	15	6	5-6	1.5-2	1-2	2-3	<b>EPR2 030</b>
<b>EPR2 045</b>	1.14 / 45	78	0.100 / 4	150	0.45-0.55 / 18-22	1.6 / 133	1.6 / 54	40	7	5-6	1.5-2	1-2	2-3	<b>EPR2 045</b>
<b>EPR2 067</b>	1.70 / 67	72	0.100 / 4	150	0.45-0.65 / 18-26	1.6 / 133	1.6 / 54	50	7	6-7	1.5-3	1-2	2-3	<b>EPR2 067</b>
<b>EPR2 100</b>	2.54 / 100	69	0.150 / 6	150	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	45	8	7-8	2-3	1-2	2-3	<b>EPR2 100</b>
<b>EPR2 107</b>	2.72 / 107	67	0.150 / 6	200	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	45	8	7-8	2-3	1-2	2-3	<b>EPR2 107</b>
<b>EPR2 112</b>	2.84 / 112	66	0.150 / 6	200	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	55	8	8-9	2-3	1-2	2-3	<b>EPR2 112</b>
<b>ESP2 045</b>	1.14 / 45	77	0.100 / 4	150	0.45-0.55 / 18-22	1.6 / 133	1.6 / 54	40	7	5-6	1.5-2	1-2	2-3	<b>ESP2 045</b>
<b>ESP2 067</b>	1.70 / 67	71	0.100 / 4	150	0.45-0.65 / 18-26	1.6 / 133	1.6 / 54	50	7	6-7	1.5-2	1-2	2-3	<b>ESP2 067</b>
<b>ESP2 100</b>	2.54 / 100	68	0.150 / 6	150	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	45	8	7-8	2-3	1-2	2-3	<b>ESP2 100</b>
<b>ESP2 107</b>	2.72 / 107	66	0.150 / 6	200	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	45	8	7-8	2-3	1-2	2-3	<b>ESP2 107</b>
<b>ESP2 122</b>	2.84 / 112	65	0.150 / 6	200	0.50-1.00 / 20-40	1.6 / 133	1.6 / 54	55	8	8-9	2-3	1-2	2-3	<b>ESP2 122</b>

## EASY Plates - Solvent & Thermal

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>EFER 045</b>	1.14 / 45	77	0.100 / 4	100	0.45-0.55 / 18-22	1.6 / 150	1.6 / 60	25	7	n/a	n/a	1-2	3-4	<b>EFER 045</b>
<b>EFER 067</b>	1.70 / 67	69	0.100 / 4	100	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	40	7	n/a	n/a	1-2	3-4	<b>EFER 067</b>
<b>EFER 100</b>	2.54 / 100	61	0.100 / 4	150	0.50-0.80 / 20-32	2.0 / 150	2.0 / 60	70	8	n/a	n/a	1-2	3-4	<b>EFER 100</b>
<b>EFX 045</b>	1.14 / 45	74	0.100 / 4	150	0.45-0.55 / 18-22	1.6 / 150	1.6 / 60	30	5	n/a	n/a	1	3	<b>EFX 045</b>
<b>EFX 067</b>	1.70 / 67	66	0.100 / 4	150	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	25	4	n/a	n/a	1	3	<b>EFX 067</b>
<b>ESM 045</b>	1.14 / 45	71	0.100 / 4	100	0.50-1.00 / 20-40	1.2 / 133	1.2 / 54	45	8	6-7	2-3	1-2	3-4	<b>ESM 045</b>
<b>ESM 067</b>	1.70 / 67	63	0.100 / 4	100	0.45-0.55 / 18-22	1.2 / 133	1.2 / 54	35	8	7-8	2-3	1-2	3-4	<b>ESM 067</b>
<b>ESM 100</b>	2.54 / 100	56	0.100 / 4	150	0.45-0.65 / 18-26	1.2 / 133	1.2 / 54	30	10	8-9	2-3	1-2	3-4	<b>ESM 100</b>
<b>ESM 107</b>	2.72 / 107	56	0.100 / 4	150	0.50-1.00 / 20-40	1.2 / 133	1.2 / 54	35	10	9-10	2-3	1-2	3-4	<b>ESM 107</b>
<b>ESM 112</b>	2.84 / 112	55	0.100 / 4	150	0.50-1.00 / 20-40	1.2 / 133	1.2 / 54	40	10	10-11	2-3	1-2	3-4	<b>ESM 112</b>
<b>ESER 045</b>	1.14 / 45	77	0.050 / 4	100	0.45-0.55 / 18-22	1.6 / 150	1.6 / 60	25	7	5-6	1.5-2.5	1-2	3-4	<b>ESER 045</b>
<b>ESER 067</b>	1.70 / 67	69	0.050 / 4	100	0.45-0.65 / 18-26	1.6 / 150	1.6 / 60	40	7	6-7	2-3	1-2	3-4	<b>ESER 067</b>
<b>ESER 100</b>	2.54 / 100	61	0.100 / 4	150	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	70	8	7-8	2-3	1-2	3-4	<b>ESER 100</b>
<b>ESER 107</b>	2.72 / 107	61	0.100 / 4	150	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	85	8	8-9	2-3	1-2	3-4	<b>ESER 107</b>
<b>ESER 112</b>	2.84 / 112	60	0.150 / 6	200	0.50-1.00 / 20-40	2.0 / 150	2.0 / 60	105	8	8-9	2-3	1-2	3-4	<b>ESER 112</b>

## Standard Digital Plates - FAST

<b>DFR 045</b>	1.14 / 45	78	0.100 / 4	200	0.45-0.55 / 18-22	4.5 / 133	4.5 / 54	70	7	n/a	n/a	2-3	4-5	<b>DFR 045</b>
<b>DFR 067</b>	1.70 / 67	70	0.100 / 4	200	0.45-0.65 / 18-26	4.5 / 133	4.5 / 54	55	7	n/a	n/a	2-3	4-5	<b>DFR 067</b>
<b>DFR 100</b>	2.54 / 100	65	0.100 / 4	300	0.50-0.80 / 20-32	4.5 / 133	4.5 / 54	90	8	n/a	n/a	2-3	4-5	<b>DFR 100</b>
<b>DFR 107</b>	2.72 / 107	64	0.100 / 4	300	0.50-0.80 / 20-32	4.5 / 133	4.5 / 54	100	8	n/a	n/a	2-3	4-5	<b>DFR 107</b>
<b>DFM 045</b>	1.14 / 45	70	0.075 / 3	125	0.45-0.55 / 18-22	5 / 133	5 / 54	50	8	n/a	n/a	3-4	6-7	<b>DFM 045</b>
<b>DFM 067</b>	1.70 / 67	58	0.075 / 3	125	0.45-0.65 / 18-26	5 / 133	5 / 54	20	8	n/a	n/a	3-4	6-7	<b>DFM 067</b>
<b>DFM 100</b>	2.54 / 100	51	0.100 / 4	150	0.50-0.80 / 20-32	5 / 133	5 / 54	55	8	n/a	n/a	3-4	6-7	<b>DFM 100</b>
<b>DFM 107</b>	2.72 / 107	49	0.100 / 4	150	0.50-0.80 / 20-32	5 / 133	5 / 54	90	8	n/a	n/a	3-4	6-7	<b>DFM 107</b>
<b>DFM 112</b>	2.84 / 112	48	0.100 / 4	150	0.50-0.90 / 20-36	5 / 133	5 / 54	110	8	n/a	n/a	3-4	6-7	<b>DFM 112</b>
<b>DFUV 045</b>	1.14 / 45	76	0.100 / 4	200	0.45-0.55 / 18-22	4.5 / 133	4.5 / 54	70	7	n/a	n/a	2-4	4-5	<b>DFUV 045</b>
<b>DFUV 067</b>	1.70 / 67	69	0.100 / 4	200	0.45-0.65 / 18-26	4.5 / 133	4.5 / 54	60	8	n/a	n/a	2-4	4-5	<b>DFUV 067</b>
<b>DFS 045</b>	1.14 / 45	74	0.050 / 2	200	0.45-0.55 / 18-22	5.6 / 133	5.6 / 54	40	11	n/a	n/a	2	8-10	<b>DFS 045</b>
<b>DFS 067</b>	1.70 / 67	63	0.050 / 2	200	0.45-0.65 / 18-26	6.0 / 133	6.0 / 54	30	11	n/a	n/a	2	8-10	<b>DFS 067</b>
<b>DFS 100</b>	2.54 / 100	52	0.100 / 4	250	0.50-0.80 / 20-32	6.4 / 133	6.4 / 54	75	13	n/a	n/a	2	8-10	<b>DFS 100</b>
<b>DFS 112</b>	2.84 / 112	49	0.100 / 4	250	0.50-0.90 / 20-36	6.4 / 133	6.4 / 54	100	13	n/a	n/a	2	8-10	<b>DFS 112</b>

## Varnish Plates

	Plate Thickness (mm / mil)	Average Durometer <sup>1</sup> (Sh A)	Min. Positive Line Width (mm / mil)	Min. Isolated Dot Size (µm)	Recommended Relief <sup>2</sup> (mm / mil)	Min. Circular File Dot Size <sup>3</sup> (% / LPI) (% / L/CM)		Back Exposure <sup>1,2,3</sup> (sec)	Main Exposure <sup>1,2,3</sup> (min)	Washout Time <sup>4,5</sup> (min)	Drying Time <sup>5</sup> at 60°C / 140°F (hours)	UVA Post Exposure <sup>3</sup> (min)	UVC Finishing <sup>3</sup> (min)	
<b>DVF 045</b>	1.14 / 45	74	0.150 / 6	250	0.45-0.55 / 18-22	6.0 / 133	6.0 / 54	30	8	n/a	n/a	2-3	8-10	<b>DVF 045</b>
<b>DVS 045</b>	1.14 / 45	74	0.150 / 6	250	0.45-0.55 / 18-22	6.0 / 133	6.0 / 54	10	8	7-8	2-3	2-3	8-10	<b>DVS 045</b>
<b>VTA 045</b>	1.14 / 45	72	0.150 / 6	200	0.45-0.55 / 18-22	3.0 / 133	3.0 / 54	30	10	n/a	n/a	2-3	5-8	<b>VTA 045</b>
<b>VSA 045</b>	1.14 / 45	71	0.150 / 6	200	0.45-0.55 / 18-22	3.0 / 133	3.0 / 54	15	10	6-8	2-3	2-3	5-8	<b>VSA 045</b>

## Analog Plates

<b>NEOS 045</b>	1.14 / 45	72	0.100 / 4	150	0.45-0.55 / 18-22	3.0 / 120	3.0 / 48	40	8	7-8	1.5-2	2-3	6-8	<b>NEOS 045</b>
<b>NEOS 067</b>	1.70 / 67	61	0.100 / 4	150	0.45-0.65 / 18-26	3.0 / 120	3.0 / 48	35	8	7-8	1.5-2	2-3	6-8	<b>NEOS 067</b>
<b>NEOS 090</b>	2.29 / 90	50	0.150 / 6	200	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	70	8	8-9	2-3	2-3	6-8	<b>NEOS 090</b>
<b>NEOS 100</b>	2.54 / 100	49	0.150 / 6	200	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	85	9	8-9	2-3	2-3	6-8	<b>NEOS 100</b>
<b>NEOS 112</b>	2.84 / 112	48	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	130	10	9-10	2-3	2-3	6-8	<b>NEOS 112</b>
<b>NOW 045</b>	1.14 / 45	77	0.100 / 4	200	0.45-0.55 / 18-22	3.0 / 120	3.0 / 48	40	10	6-7	1.5-2	2-4	5-7	<b>NOW 045</b>
<b>NOW 090</b>	2.29 / 90	58	0.100 / 4	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	90	11	7-9	2-3	2-4	5-7	<b>NOW 090</b>
<b>NOW 100</b>	2.54 / 100	56	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	100	12	7-9	2-3	2-4	5-7	<b>NOW 100</b>
<b>NOW 112</b>	2.84 / 112	54	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	120	12	8-10	2-3	2-4	5-7	<b>NOW 112</b>
<b>NOWS 045</b>	1.14 / 45	76	0.100 / 4	200	0.45-0.55 / 18-22	3.0 / 120	3.0 / 48	40	10	6-7	1.5-2	2-4	5-7	<b>NOWS 045</b>
<b>NOWS 067</b>	1.70 / 67	68	0.100 / 4	200	0.45-0.65 / 18-26	3.0 / 120	3.0 / 48	85	10	6-7	1.5-2	2-4	5-7	<b>NOWS 067</b>
<b>NOWS 107</b>	2.72 / 107	55	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	110	12	7-9	2-3	2-4	5-7	<b>NOWS 107</b>
<b>NOWS 100</b>	2.54 / 100	55	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	100	12	7-9	2-3	2-4	5-7	<b>NOWS 100</b>
<b>NOWS 112</b>	2.84 / 112	54	0.150 / 6	250	0.50-1.00 / 20-40	3.0 / 120	3.0 / 48	120	12	8-10	2-3	2-4	5-7	<b>NOWS 112</b>
<b>FDT 045</b>	1.14 / 45	76	0.150 / 6	250	0.45-0.55 / 18-22	3.0 / 100	3.0 / 42	40	10	n/a	n/a	2-4	5-7	<b>FDT 045</b>
<b>FDT 067</b>	1.70 / 67	68	0.150 / 6	250	0.45-0.65 / 18-26	3.0 / 100	3.0 / 42	85	10	n/a	n/a	2-4	5-7	<b>FDT 067</b>
<b>FDT 100</b>	2.54 / 100	55	0.205 / 8	300	0.50-0.80 / 20-32	3.0 / 100	3.0 / 42	95	12	n/a	n/a	2-4	5-7	<b>FDT 100</b>
<b>FDT 107</b>	2.72 / 107	54	0.205 / 8	300	0.50-0.80 / 20-32	3.0 / 100	3.0 / 42	110	12	n/a	n/a	2-4	5-7	<b>FDT 107</b>
<b>FDT 112</b>	2.84 / 112	53	0.205 / 8	300	0.50-0.90 / 20-36	3.0 / 100	3.0 / 42	120	12	n/a	n/a	2-4	5-7	<b>FDT 112</b>

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