

# FOUNTAIN SOLUTION APPLICATION CHART

	<b>Millennium SF</b>	<b>Millennium 7000</b>	<b>Millennium 8000</b>	<b>Millennium 1000</b>	<b>Millennium 2000</b>	<b>Millennium 3000</b>
<b>Solution Type</b>	Acid	Acid	Acid	Acid	Acid	Acid
<b>Target Press Size</b>	26" and above	26" and above	26" and above	26" and above	26" and above	26" and above
<b>Press Type</b>	Sheetfed	Sheetfed	Sheetfed	Sheetfed	Sheetfed	Sheetfed
<b>Plate Type</b>	Metal	Metal	Metal	Metal/Poly	Metal/Poly	Metal
<b>Press Speed</b>	over 10,000 imp / hr	Over 10,000 imp/hr	over 10,000 imp / hr	over 10,000 imp/hr	over 10,000 imp / hr	over 10,000 imp / hr
<b>One Step Dosage</b> No alcohol sub or alcohol used with fountain solution	6 oz / gallon (4.7%)	None	None	5 oz / gallon (3.9%)	4-6 oz / gallon (3.1-3.9%)	4-6 oz / gallon (3.1-4.6%)
<b>Two Step Dosage</b> Alcohol sub or alcohol used with fountain solution	3-4 oz / gallon (2.3-3.1%)	3-4 oz / gallon (2.3-3.1%)	3-4 oz / gallon (2.3-3.1%)	None	None	None
<b>Alcohol Substitute</b>	Dynamic ARP / AR-7500	AR-7500 / Dynamic ARP	AR-7500 / Dynamic ARP	None	None	None
<b>Alcohol Sub Dosage</b>	2-3 oz (1.6-2.3%)	2-3 oz (1.6-2.3%)	2-3 oz (1.6-2.3%)	None	None	None
<b>Conductivity</b> +H2O	575 micromhos / oz	520 micromhos / oz	520 micromhos / oz	440 micromhos / oz	400 micromhos / oz	583 micromhos / oz
<b>Conductivity Range</b> +H2O	1725 - 2300	1560 - 2080	1560 - 2080	2100 - 2300	1600 - 2000	2332 - 3498
<b>Expected pH</b>	3.8 to 4.2	4.1 to 4.3	4.5 to 4.7	3.6 to 3.8	3.6 to 3.8	3.8 to 4.0
<b>VOC Content</b>	1.7 # / gallon 19%	None	None	4.79 # / gallon 56%	5.48 # / gallon 65%	0.45 # / gallon 6%
<b>Product Color</b>	Amber	Bluish Green	Bluish Green	Blue	Bluish Green	Bluish Green
<b>Water Hardness</b>	S-M	S-M	S-M	S-M	S-M	S-M-H
<b>Container Size US</b>	1, 5, 30, 55, 275	1, 5, 30, 55, 275	5, 55, 275	1, 5, 55	5, 55	5, 55

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	<b>Millennium HSW-100</b>	<b>Millennium HSW-200</b>	<b>Millennium DGT</b>	<b>Premier Neutral</b>	<b>Premier News MA</b>	<b>Premier News 145 MA</b>
<b>Solution Type</b>	Acid	Acid	Acid	Neutral	Mild Acid	Mild Acid
<b>Target Press Size</b>	26" and above	26" and above	26" and above	26" and above	26" and above	26" and above
<b>Press Type</b>	HS Web/Cold Web	HS Web	HS Web/Cold Web	Cold Web	Cold Web	Cold Web
<b>Plate Type</b>	CTP/ Thermal/Violet	CTP/ Thermal/ Violet	Metal	Metal	Metal	Metal
<b>Press Speed</b>	Up to 100,000 imp/hr	Up to 100,000 imp/hr	over 10,000 imp/ hr	Newsprint speed	Newsprint speed	Newsprint speed
<b>One Step Dosage</b> No alcohol sub or alcohol used with fountain solution	4-6 oz / gallon (3.1-4.6%)	4-6 oz / gallon (3.1-4.6%)	3-5 oz / gallon (2.3-3.9%)	2 oz / gallon (1.6%)	2-3 oz / gallon (1.6-2.3%)	1 oz / gallon (0.8%)
<b>Two Step Dosage</b> Alcohol sub or alcohol used with fountain solution	None	None	None	None	None	None
<b>Alcohol Substitute</b>	None	None	None	None	None	None
<b>Alcohol Sub Dosage</b>	None	None	None	None	None	None
<b>Conductivity</b> +H2O	480 micromhos / oz	435 micromhos / oz	475 micromhos / oz	525 micromhos / oz	550 micromhos/oz	1150 micromhos/oz
<b>Conductivity Range</b> +H2O	1920 - 2880	1740 - 2610	1500 - 2500	1000 - 1100	1100 - 1650	1150
<b>Expected pH</b>	4.0 to 4.2	4.0 to 4.2	3.8 to 4.2	6.8 to 7.0	5.0 to 5.5	4.6 to 5.0
<b>VOC Content</b>	0.55 # / gallon 6%	0.45 # / gallon 6%	0.64 # / gallon 7%	None	None	None
<b>Product Color</b>	Bluish Green	Bluish Green	Bluish Green	Amber	Amber	Amber
<b>Water Hardness</b>	S-M	S-M	S-M	S-M-H	S-M-H	S-M-H
<b>Container Size US</b>	5, 55, 275	5, 55, 275	5, 30, 55, 275	5, 55, 275	5, 55, 275	5, 55, 275