						GATEWOOD GUIDELINES FOR TRIM JET NOZZLES								updated 11-28-2007		
wire speed	**trim jet water pressure**	(----------2x denotes two single orifice nozzles----------										(4x and 6x denotes double orifice nozzles)				
m/min ft/min	bar psig kPa Kg/sq cm															
50 200	12.4 180 1241 12.6									2x.035	2x.035	3x.040	4x.040	4x.045	4x.060	6x.060
75 250	13.8 200 1380 14.0									2x.035	2x.035	3x.040	4x.040	4x.045	4x.060	
150 500									2x.035	2x.035	2x.035	3x.040	4x.040			
305 1000				1x.020	1x.020	1x.025	1x.035	1x.035	2x.035	2x.035	2x.035	3x.040	4x.040			
365 1200	13.8 200 1380 14.0			2x.015	2x.020	2x.020	2x.020	2x.030	2x.030	2x.035	2x.035	3x.040	4x.040			
457 1500			2x.015	2x.015	2x.020	2x.020	2x.020	2x.030	2x.030	2x.035	2x.035	3x.040				
550 1800	15.5 225 1551 15.8		2x.015	2x.015	2x.020	2x.020	2x.020	2x.030	2x.030	2x.035	2x.035	3x.040		u.s./metric conversion		
610 2000		2x.015	2x.015	2x.015	2x.020	2x.020	2x.020	2x.030	2x.030	2x.035	2x.035			.015" = .38mm		
762 2500	17.2 250 1723 17.6	2x.015	2x.015	2x.015	2x.020	2x.020	2x.020	2x.030	2x.030	2x.035				.020" = .5mm		
914 3000		2x.015	2x.015	2x.015	2x.020	2x.020	2x.020	2x.030	2x.030					.025" = .64mm		
1067 3500	24.1 350 2413 24.6	2x.015	2x.015	2x.015	2x.020	2x.020	2x.020	2x.030						.030" = .76mm		
1219 4000		2x.015	2x.015	2x.015	2x.020	2x.020	2x.020							.035" = .89mm		
1372 4500	31.0 450 3102 31.6	2x.015	2x.015	2x.015	2x.020	2x.020								.040" = 1.05mm		
1524 5000		2x.015	2x.015	2x.015	2x.020									.045" = 1.14mm		
1676 5500	37.9 550 3792 38.7	2x.015	2x.015	2x.015	2x.020									.050" = 1.27mm		
														.060" = 1.5mm		
Basis weight in:																
A. Grams per square meter			25	40	50	60	90	120	159	200	260	340	400	500	700	900
B. Lbs. per 1000 sq. feet								25	31	50	65	70	82	102	143	185
C. Lbs. per 3000 sq. feet		9	15	25	31	37	55	74	92	150	200	240	245	307	430	550
general paper grades		tissue	lwc	news		bond		medium		(9pt. To 25 pt. Linerboard)				multi-ply boards----------		
			towel		writing		envelope				(chipboard, packaging board)			----pulp mat---		
										(miscellaneous unbl. Kraft boards----------)						
									(----------linerboard----------)							