REACTIVE
'VS' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES												
	Solubility mgs/l		Substaintivity	Suitability			Dischargeability	Light		Washing				Hypo-chlorite		Perspiration			
								Day	Light	I.S.O. 3		I.S.O. 4				Alkaline		Acidic	
	Temperature	Straight		Exhaust	Pad-Batch Silicate	Printing		1 ... 6	1 ... 1	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Yellow GL * Yellow 37 4.0%	30°C	80	M	S	S	S	G	5	6-7	4-5	5	3-4	4-5	1	5	5	5	4	5
0.4% Yellow FG * Yellow 42 4.0%	30°C	100	L	LS	S	S	G	4	5	4-5	5	4	5	1	5	4	5	4	5
0.4% Yellow GN * Yellow 23 4.0%	30°C	100	M	S	LS	S	D	4	5	4	5	4	5	1	5	4	4-5	4-5	4-5
0.4% Yellow GR * Yellow 15 4.0%	30°C	100	H	S	S	LS	G	4-5	6	4	5	2-3	4-5	1	5	5	5	5	4-5
0.4% Yellow RTN * Yellow 24 4.0%	30°C	100	M	S	S	S	F	5-6	6-7	4	4-5	4	4-5	2	5	4	4-5	4-5	4
0.4% Golden Yellow G * Yellow 17 4.0%	30°C	100	H	S	LS	S	F	5	6	4-5	5	3-4	4	1	5	5	4-5	5	4-5
0.4% Golden Yellow R *Yellow 77 4.0%	30°C	100	H	S	S	S	G	4-5	5	4-5	4-5	4	4	1	5	5	4-5	5	4-5

REACTIVE
'VS' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES											
	Solubility mgs/l		Substantivity	Suitability			Dischargeability	Light		Washing				Hypo-chlorite		Perspiration			
								Day Light		I.S.O. 3		I.S.O. 4				Alkaline		Acidic	
	Temperature	Straight		Exhaust	Pad-Batch Silicate	Printing		1 ... 6	1 - 1	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Golden Yellow RNL * Orange 107 4.0%	30°C	100	H	S	S	S	G	4-5	5	4-5	4-5	4	4	1	5	4-5	4-5	4-5	4-5
0.4% Orange 2R * Orange7 4.0%	30°C	100	H	S	S	S	G	4	4-5	4-5	5	4-5	5	1-2	5	5	5	5	5
0.4% Orange 3R * Orange 16 4.0%	30°C	80	H	S	S	S	G	5-6	5-6	5	5	5	5	1	5	5	5	5	5
0.4% Red BS * Red 111 4.0%	30°C	100	H	S	S	S	ND	3	4	4	4	4	4	1	4	4	4-5	4	5
0.4% Red RB * Red 198 4.0%	30°C	100	H	S	S	S	ND	4	5	4	5	4	4	1	4	4	4-5	4	5
0.4% Red C2G * Red 106 4.0%	30°C	100	L	LS	S	S	G	4	4	4-5	5	3-4	5	1	5	5	4-5	5	4-5
0.4% Red 5B * Red 35 4.0%	30°C	100	L	LS	S	S	G	5-6	6	3-4	5	3-4	5	1	4	5	5	4	5

REACTIVE
'VS' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES												
	Solubility mgs/l		Substaintivity	Suitability			Dischargeability	Light		Washing				Hypo-chlorite		Perspiration			
								Day Light		I.S.O. 3		I.S.O. 4				Alkaline		Acidic	
	Temperature	Straight		Exhaust	Pad-Batch Silicate	Printing		1 ... 6	1 - 1	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Violet 5R * Violet 5 4.0%	30°C	100	H	S	S	S	P	5-6	6-7	4	5	5	2-3	5	3-4	3-4	4-5	4-5	5
0.4% Turquoise Blue G * Blue 21 4.0%	30°C	100	H	S	S	S	P	5	6	4-5	4-5	5	5	3-4	5	5	4-5	5	4-5
0.4% Green 6B * Blue 38 4.0%	30°C	100	H	S	S	NS	P	6-7	7	3-4	2-3	3-4	4	2-3	5	4	4	4	4-5
0.4% Blue R Spl. * Blue 19 4.0%	30°C	100	H	S	S	S	D	6	7	5	5	5	5	3	5	5	4	4	4-5
0.4% Blue BB * Blue 220 4.0%	30°C	100	H	S	S	S	D	6	7	5	5	5	5	3	5	5	4	4	4-5
0.4% Blue 3R * Blue 28 4.0%	30°C	100	H	S	S	S	G	6-7	7	4	5	3-4	5	3-4	5	5	4-5	4	4-5
0.4% Dark Blue HR * Blue 89 4.0%	30°C	100	H	LS	S	NS	G	3-4	6	3-4	4	3-4	4	1	5	4	3-4	5	4

REACTIVE 'VS' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES												
	Solubility mgs/l		Substaintivity	Suitability			Dischargeability	Light		Washing				Hypo-chlorite		Perspiration			
								Day Light		I.S.O. 3		I.S.O. 4				Alkaline		Acidic	
	Temperature	Straight		Exhaust	Pad-Batch Silicate	Printing		1 ... 6	1 ... 1	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain	Effect	Stain
0.4% REACTIVE COTTON BLACK 1011 4.0%	30°C	100	H	S	S	S	G	5	5-6	4-5	4-5	4-5	4-5	1	5	4	4	4-5	4-5
0.4% REACTIVE COTTON BLACK 1012 4.0%	30°C	100	H	S	S	S	G	5	5-6	4-5	5	5	5	2	5	5	4	5	4
															5	4	5	4	5
0.4% REACTIVE COTTON BLACK 1013 4.0%	30°C	100	H	S	S	S	G	...	5	4-5	5	4	4-5	1	5	5	4	5	4
0.4% REACTIVE COTTON BLACK 1014 4.0%	30°C	100	H	S	S	S	F	5-6	7	4-5	5	4-5	4	3-4	5	5	4	5	5
0.4% REACTIVE COTTON BLACK 1015 4.0%	30°C	100	H	S	S	S	F	5-6	7	4-5	5	4-5	4	3-4	5	5	4	5	5
0.4% REACTIVE COTTON BLACK 1016 4.0%	30°C	100	H	S	S	S	F	5-6	7	4-5	5	4-5	4	3-4	5	5	4	5	5

REACTIVE
'M' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES														
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
							Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide					
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Yellow M8G * Yellow 86 4.0%	30°C	70	40	L	M	40°C	5-6	6-7	7	5	5	4-5	5	1	4-5	4	4-5	5	4-5	5
0.4% Brilliant Yellow M4G * Yellow 22 4.0%	30°C	40	20	M	M	40°C	5	6	6-7	5	5	4-5	5	1	3-4 R D	5	4-5	5	4-5	5
0.4% Yellow MGR * Yellow 7 4.0%	30°C	30	LESS THAN 5	H	M	40°C	5	6	6	5	5	5	5	4-5	4-5	5	5	4-5	5	4-5
0.4% Golden Yellow MR * Yellow 44 4.0%	30°C	160	130	H	H	40°C	5	6	6	5	5	5	5	2-3	4-5 R	5	4-5 R	4-5	4-5 R	4
0.4% Yellow M4R * Yellow 14 4.0%	30°C	80	40	M	M	40°C	4	5	5-6	5	5	4-5	5	1	3-4	5	5	4	4 R	4
0.4% Golden Yellow M3R * Orange 86 4.0%	30°C	160	120	H	H	40°C	5	6	6	5	5	5	5	2-3	3-4	5	5	4	4	4
0.4% Brilliant Orange M2R * Orange 4 4.0%	30°C	180	160	M	M	30°C	3	4	4-5	5	5	5	5	4 R	4 Br	5	4-5	5	4-5	4

REACTIVE
'M' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES													
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
							Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide					
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Brilliant Red M5B * Red 2 4.0%	30°C	80	50	H	H	30C OR 40C	4	4-5	4-5	5	4-5	4-5	4-5	1	2 W Br	4-5	4-5	3	5	3-4
0.4% Brilliant Red M8B * Red 11 4.0%	30°C	50	10	H	H	30C	3-4	4-5	4-5	5	5	4-5	4-5	4 W Br	4-5	4	4-5	3-4	4-5	2
0.4% Pink MB * Red 74 4.0%	30°C	80	40	H	M	30°C	4	4--5	5	4	4-5	4	4-5	2	3	3	4	4-5	4-5	5
0.4% Brilliant Megenta MB * Violet 13 4.0%	30°C	20	LESS THAN 5	H	H	30°C	3-4	3-4	4	5	5	5	5	1	3	3	4	4-5	4-5	4-5
0.4% Violet C4R * Violet 12 4.0%	30°C	70	60	L	H	40°C	-	6-7	-	5	5	4-5	5	1	4-5	4	4-5	5	4-5	5
0.4% Brilliant Blue MR * Blue 4 4.0%	30°C	80	40	L	H	40°C OR 60°C	6	6	6-7	5	5	5	5	2 D	3-4	4-5	3-4	3	4-5	5
0.4% Blue MGX * Blue 163 4.0%	30°C	120	120	M	M	40°C	-	5	-	4	5	3	4	1	2	4-5	4-5	4-5	4-5	4-5

REACTIVE
'M' DYES

		GENERAL PROPERTIES						FASTNESS PROPERTIES														
		Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
								Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide					
		Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Turquoise Blue MGN * Blue 140 4.0%		30°C	130	LESS THAN 5	H	H	60°C OR 40°C	4-5	6	6	4-5	4	4	4	2-3 WG	2 WG	2	3	2	4	4
0.4% Brilliant Blue M2R * Blue 81 4.0%		30°C	100	60	H	H	40°C	-	2	-	4	5	4	4	1	3	-	3	-	4	-
0.4% Navy Blue M3R * Blue 9 4.0%		30°C	70	10	H	H	60°C	3-4	5	5-6	5	4	4-5	4	3 R	1	3-4	3	2	4-5	3
0.4% Blue M4GD * Blue 168 4.0%		30°C	160	160	H	H	40°C	-	4	-	5	5	4	5	1	3-4	5	3	4	4-5	4
0.4% 4.0%																					
0.4% 4.0%																					
0.4% 4.0%																					

REACTIVE
'H' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES														
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
							Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide					
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Briliant Yellow H4G * Yellow 18 4.0%	30°C	130	100	L	4	80°C	5-6	6-7	6-7	5	5	4-5	4-5	1	4 R	5	4-5	4-5	4-5	4-5
0.4% Golden Yellow HR * Orange 12 4.0%	30°C	110	50	M	5	80°C	5-6	6	6	5	5	4-5	5	3	4-5	5	4 G	5	5	5
0.4% Brilliant Orange H2R * Orange 13 4.0%	30°C	150	100	M	5	80°C	3	4-5	4-5	5	5	5	5	4 W	4	4-5	5	4-5	4-5	5
0.4% Brilliant Red H8B * Red 31 4.0%	30°C	80	10	H	2-3	80°C	3	4-5	5	4+5	5	4	5	3-4	4	4-5	3	4	4	3-4
0.4% Red 6BX * Red 76 4.0%	30°C	80	40	L	2-3	40°C Or 60°C	6	6	6-7	5	5	5	5	2 D	3-4	5-4	3-4	3	4-5	5
0.4% Brilliant Purple H3R * violet 1 4.0%	30°C	150	80	M	2	80°C	6	6-7	6-7	5	5	5	5	4	2-3	5	4-5	5	2-3 Bl	4
0.4% 4.0%																				

REACTIVE
'H' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES														
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
							Day Light			I.S.O.3		I.S.O.4			Hydrogen peroxide					
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain	Hydrochloride	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Brilliant Blue HGR * Blue 5 4.0%	30°C	60	---	---	---	---	1/6 5	5	---	---	---	5	5	---	---	---	---	---	---	---
0.4% Brilliant Blue H5R * Blue 13 4.0%	30°C	80	---	---	---	---	1/6 6	6	---	---	---	4	5	---	---	---	---	---	---	---
0.4% Brilliant T.Blue H5G * Blue 25 4.0%	30°C	120	80	H	5	90°C	4-5	5-6	6	5	4	4-5	4	3-4 W G	2	3	4	2	4-5	3
0.4% Turqouise Blue H_2GP * Blue 21 4.0%	30°C	90	50	H	4	80°C	5-6	6	6	4	4	4	4	2-3 W G	5	4-5	4	2	4	4
0.4% Red Brown H4R * Brown 9 4.0%	30°C	90	30	L	4	80°C	4	4-5	4-5	5	4-5	5	4-5	4-5	5	4-5	3-4	3	4-5	3-4
0.4% Black HN Black 8 4.0%	30C	40	40	L	5	80C	1/6 4-5	6	...	5	5	4-5	5	4	3 W G	5	4-5	4-5	4-5	3
0.4% 4.0%																				

REACTIVE
'HE' DYES

	GENERAL PROPERTIES						FASTNESS PROPERTIES														
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
							Day Light			I.S.O.3		I.S.O.4			Hydrogen peroxide					
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 25	1 1	2 1	Effect	Stain	Effect	Stain	Hydrochloride	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Briliant Yellow HE6G * Yellow 135 4.0%	30°C	45	45	H	3 WR	80°C	3-4	4-5	....	4 G	5	4 R	5	1	2 WR	5	4	4-5	4 W Br	4
0.4% Yellow HE4G * Yellow 81 4.0%	30°C	25	20	H	5	80°C	5	5-6	....	5	5	4-5	5	1-2	4-5	4-5	4	4-5	4-5	4-5
0.4% Yellow HE4R * Yellow 84 4.0%	30°C	70	60	H	4-5	80°C	5	5-6	5-6	5	5	5	5	2-3	4-5	5	4	4-5	4-5	4-5
0.4% Orange HER * Orange 84 4.0%	30°C	35	5	H	4-5	80°C	3	3-4	4	4	5	4	5	4-5	4	4-5	3 WY	3	4 WY	4
0.4% Brilliant Red HE3B * Red 120 4.0%	30°C	80	75	H	4-5	80°C	4	5	5	5	5	5	5	1	4	4	3-4 Bl D	3	4-5	5
0.4% Brilliant Red HE7B * Red 141 4.0%	30°C	150	150	H	4	80°C	3	4-5	4-5	5	5	4-5	4-5	3	4-5	4-5	3-4	4	5	4-5
0.4% Brilliant Red HE8B * Red 152 4.0%	30°C	160	160	H	5	80°C	3-4	4-5	4-5	5	3	4-5	2-3	3-4 Bl	4-5	4-5	3-4	4	5	4-5

REACTIVE
'HE' DYES

		GENERAL PROPERTIES						FASTNESS PROPERTIES												
		Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration	
								Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide					
		Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 25	1 1	2 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Blue HERD Blue 160 4.0%		30°C	80	60	H	H	80°C	-	6	-	5	3	5	5	3	4-5	4-5	3	4	4	4
0.4% Navy Blue HER * Blue 171 4.0%		30°C	60	60	H	W	80°C	3-4	4	4	5	4-5	4-5	4-5	1-2 W D	4	4-5	3-4	3	4	4-5
0.4% Navy Blue HE2R * Blue 172 4.0%		30°C	70	60	H	...	80°C	5	6	6	4-5	3	4	2-3	2R D L	3	3	3-4	3	4	5
0.4% Green HE4BD * Green 19 4.0%		30°C	120	60	H	4-5	80°C	3-4	4	4-5	5	4-5	4-5	4-5	1	2-3 W Y	4-5	5	4	4-5 Y	4
0.4% Green HE4B * Green 27 4.0%		30°C	130	100	H	...	60°C	3-4	4	4-5	4-5	4	4-5	4	1	4	4	4	3-4	4 B	4
0.4% Black HEBL * 4.0%		30°C	25	20	H	...	80°C	....	4	4	5	5	4-5	4-5	3	4	4	4	4	4	4

REACTIVE
'ME' DYES
(Bifunctional)

	APPLICATION						GENERAL PROPERTIES						FASTNESS PROPERTIES					
	Dyeing				Printing		Solubility g/l								Washing ISO 4		Perspiration	
	Exhaust Dyeing	One Bath Cold Pad-Bath Process	Continuous pad-Dry-Thermofix	Two Bath-Pad-Dry Chemical Pad Steam Process	Print-Dry-Steam	Print-Dry-Thermofix	Straigh	With 30g/l Common Salt	Affinity	Rate of Dyeing	Optimum Dyeing Temp. C	Degree of Fixation %	Light 1/1	Colour Change	Statining on Cotton	Chlorinated Water	Acid Colour Change	Alkaline Colour Change
0.4% Yellow ME4GL * y - 160 4.0%	S	S	S	S	S	NS	100	10	H	M	60	70	4	4	4	3	3	3
0.4% Golden Yellow MERL * Yellow 145 4.0%	S	S	S	S	S	NS	100	90	H	M	60	75	6	5	4-5	3-4	4	4
0.4% Orange ME2RL * Orange 122 4.0%	S	S	S	S	S	NS	60	10	H	M	60	70	4	4	4	3	3	3
0.4% Red ME4BL * Red 195 4.0%	S	S	S	S	S	NS	90	70	H	M	60	75	5-6	4-5	4-5	3-4	4-5	4-5
0.4% Red ME6BL * Red 250 4.0%	S	NS	NS	S	NS	NS	30	10	H	M	60	70	5	4	4	3-4	3-4	3-4
0.4% Red MERBL * Red198 A 4.0%	S	S	S	S	S	-	100	-	-	-	-	-	-	-	4-5	4-5	4	2
0.4% Blue ME2GL * BLue 194 4.0%	S	S	S	S	S	NS	60	10	H	M	60	70	4	4	4	3	3	3

REACTIVE
'ME' DYES
(Bifunctional)

		APPLICATION						GENERAL PROPERTIES						FASTNESS PROPERTIES					
		Dyeing				Printing		Solubility g/l								Washing ISO 4		Perspiration	
		Exhaust Dyeing	One Bath Cold Pad-Bath Process	Continuous pad-Dry-Thermofix	Two Bath-Pad-Dry Chemical Pad Steam Process	Print-Dry-Steam	Print-Dry-Thermofix	Straigh	With 30g/l Common Salt	Affinity	Rate of Dyeing	Optimum Dyeing Temp. C	Degree of Fixation %	Light 1/1	Colour Change	Statining on Cotton	Chlorinated Water	Acid Colour Change	Alkaline Colour Change
0.4% Navy Blue MEBL Blue 222 4.0%		S	S	S	S	S	-	100	-	-	-	-	-	5	-	4	4	4	4
0.4% Black MEGR * 4.0%		S	S	S	S	S	S	100	90	H	M	60	85	4-5	4	4-5	4	4	4
0.4% Green ME4BL 4.0%		S	S	S	S	S	NS	80	10	H	M	60	10	4-5	4-5	4-5	3-4	4-5	4

REACTIVE
'H' DYES ON PRINTING

	GENERAL PROPERTIES						FASTNESS PROPERTIES												
	Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspiration
							Day Light			I.S.O.3		I.S.O.4		Hydrochloride	Hydrogen peroxide				
	Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 ... 1	2 ... 1	Effect	Stain	Effect	Stain		Effect	Stain	Effect	Stain	Effect	Stain
0.4% Reactive Lemon * Yellow 18 4.0%	30°C	130	100	L	4	80°C	5-6	6-7	6-7	5	5	4-5	4-5	1	4 R	5	4-5	4-5	4-5	4-5
0.4% Reactive Golden Yellow *Orange 12 4.0%	30°C	110	50	M	5	80°C	5-6	6	6	5	5	4-5	5	3	4-5	5	4 G	5	5	5
0.4% Reactive Brilliant * Orange 13 4.0%	30°C	150	100	M	5	80°C	3	4-5	4-5	5	5	5	5	4 W	4	4-5	5	4-5	4-5	5
0.4% Reactive Brilliant Red * Red 31 4.0%	30°C	80	10	H	2-3	80°C	3	4-5	5	4+5	5	4	5	3-4	4	4-5	3	4	4	3-4
0.4% Reactive Red * Red 76 4.0%	30°C	80	40	L	2-3	40°C Or 60°C	6	6	6-7	5	5	5	5	2 D	3-4	5-4	3-4	3	4-5	5
0.4% Reactive Brilliant Purple * Violet 1 4.0%	30°C	150	80	M	2	80°C	6	6-7	6-7	5	5	5	5	4	2-3	5	4-5	5	2-3 Bł	4
0.4% 4.0%																				

REACTIVE
'H' DYES ON PRINTING

		GENERAL PROPERTIES						FASTNESS PROPERTIES														
		Solubility Parts/1000			Dyeing Properties		Fixation Temperature (Exhaust Dyeing)	Light			Washing				Bleaching			Soda Boil		Alkaline Perspira-tion	
								Day Light			I.S.O.3		I.S.O.4			Hydrogen peroxide					
		Temperature	Straight	30pts/1000 common salt	Substaintivity	Reactivity		1 ... 25	1 1	2 1	Effect	Stain	Effect	Stain	Hydrochloride	Effect	Stain	Effect	Stain	Effect	Stain
0.4% Reactive Brilliant Blue * Blue 5 4.0%		30°C	60	---	---	---	---	1/6 5	5	---	---	---	5	5	---	---	---	---	---	---	---
0.4% Reactive Brilliant Blue * Blue 30 4.0%		30°C	80	---	---	---	---	1/6 5	6	---	---	---	4	5	---	---	---	---	---	---	---
0.4% Reactive Brilliant T.Blue * Blue 25 4.0%		30°C	120	80	H	5	90°C	4-5	5-6	6	5	4	4-5	4	3-4 W G	2	3	4	2	4-5	3
0.4% Reactive Turqouise Blue * Blue 21 4.0%		30°C	90	50	H	4	80°C	5-6	6	6	4	4	4	4	2-3 W G	5	4-5	4	2	4	4
0.4% Reactive Red Brown * Brown 9 4.0%		30°C	90	30	L	4	80°C	4	4-5	4-5	5	4-5	5	4-5	4-5	5	4-5	3-4	3	4-5	3-4
0.4% Reactive Black HN Black 8 4.0%		30C	40	40	L	5	80C	1/6 4-5	6	...	5	5	4-5	5	4	3 W G	5	4-5	4-5	4-5	3
0.4% 4.0%																					