






















Printex
INDUSTRIES

Designed For Quality, Engineered To Last

**Producer & Exporter Of
Excellent Quality Reactive Dyes**

Texafix VS	Product Name	CI	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Dischargeability	Application		Fastness Properties	
						Exhaust Dyeing	Pad Dry Pad Steam	Light AATCC 16E 20AFU	Washing ISO 105-C03
	Yellow GR	Yellow 15	100	60°C	G	S	S	4-5	4-5
	Yellow GL	Yellow 37	100	60°C	G	S	S	5	4-5
	Yellow FG	Yellow 42	100	60°C	G	LS	S	3	4-5
	Golden Yellow R	-	100	60°C	F	S	NS	4	4
	Yellow H7GL	Yellow 57	80	60°C	G	S	S	4-5	4-5
	Golden Yellow RNL	Yellow 107	100	60°C	G	S	S	3	4
	Orange 2R	Orange 7	100	60°C	F	S	S	3	4-5
	Orange 3R	Orange 16	80	60°C	G	S	NS	3	3
	Red 5B	Red 35	80	60°C	G	LS	S	3	3
	Red C2G	Red 106	80	60°C	G	S	S	4	4
	Red BS	Red 111	100	60°C	P	S	S	5	4-5
	Red F3B	Red 180	80	60°C	F	S	S	4-5	4
	Red RB	Red 198	100	60°C	P	S	LS	5	5
	Violet 5R	Violet 5	100	60°C	P	S	S	3	5
	Blue R	Blue 19	100	60°C	F	S	S	4	4-5
	Turq. Blue G	Blue 21	80	60°C	P	S	S	3	4
	Blue 3R	Blue 28	100	60°C	G	S	S	3	3-4
	Dark Blue HR	Blue 89	70	60°C	F	S	LS	4	4
	Blue BB	Blue 220	100	60°C	G	S	S	3	4
	Brown GR	Brown 18	100	60°C	G	S	S	3-4	4
	Black B	Black 5	100	60°C	G	S	S	3	4
	Black RL	Black 31	100	60°C	F	S	S	3-4	4



Feel Good With Quality & Consistency

Printex
INDUSTRIES

**Manufacturer and Exporter Of Excellent Quality
Dyes and Dye Intermediates**

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Texafix ME	Product Name	CI	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Exhaust Dyeing		Application		Fastness Properties			
					Pad Dry	Pad Steam	Print Dry	Steam	Light AATCC 16E 20AFU	Washing ISO 105-C03	1%	Effect
	Yellow ME4GL	Yellow 160	100	60°C	S	S	S	S	4-5	5		
	Golden Yellow MERL	Yellow 145	100	60°C	S	S	S	S	4-5	5		
	Yellow 3RS	-	100	60°C	S	S	S	S	4-5	5		
	Orange ME2RL	Orange 122	60	60°C	S	S	S	S	4	4		
	Red ME4BL	Red 195	90	60°C	S	S	S	S	4	4-5		
	Red 3BS	-	90	60°C	S	S	S	S	4	4-5		
	Red ME3BL	Red 194	150	60°C	S	S	S	S	3	4-5		
	Red ME6BL	Red 250	30	60°C	S	S	S	S	4	4		
	Red GF	Red 223	40	60°C	S	S	S	S	5	4		
	Magenta FS	-	90	60°C	S	S	S	S	3	4		
	Blue BRF	Blue 221	70	60°C	S	S*	S	S	6	4		
	Blue BF	Blue 222	150	60°C	S	S	S	S	4	4-5		
	Navy Blue ME2GL	Blue 194	80	60°C	S	S	S	S	4-5	4		
	Navy Blue ME2RL	Blue 248	100	60°C	S	S	S	S	4-5	4		

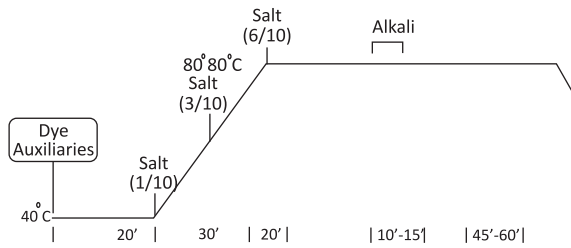
Texafix M	Product Name	CI	Solubility at 30° (Straight) in g/l	Exhaust Dyeing at RT		Application		Fastness Properties	
				Pad Dry	Pad Steam	Print Dry	Steam	Daylight	Washing
	Yellow M4G	Yellow 22	50	S	S	S	S	4-5	4
	Yellow M8G	Yellow 86	80	S	S	S	S	5	4
	Yellow MGR	-	80	S	S	S	S	5	4
	Yellow M4R	Orange 14	100	S	S	S	S	4	4
	Orange M2R	Orange 4	100	S	S	S	S	4	4-5
	Red M5B	Red 2	100	S	S	S	S	3-4	3-4
	Red M8B	Red 11	70	S	S	S	S	3-4	3-4
	Magenta MB	Violet 13	80	S	S	S	S	3-4	3-4
	Blue MR	Blue 4	80	S	S	S	S	3-4	4
	Blue M2R	Blue 81	80	S	S	S	S	3-4	4-5

Texafix RGB	Product Name	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Dischargeability	Exhaust Dyeing	Application		Fastness Properties			
						Pad Dry	Pad Steam	Print Dry	Steam	Light AATCC 16E 20AFU	Washing ISO 105-C03
	Yellow RGB	100	60°C	G	S	S	S	S	4	5	
	Red RGB	100	60°C	F	S	S	S	S	3	4-5	
	Deep Red RGB	100	60°C	F	S	S	S	S	3	4-5	
	Blue RGB	100	60°C	G	S	S	S	S	3	4-5	
	Navy Blue RGB	100	60°C	G	S	S	S	S	3	5	

Texafix Black	Product Name	Solubility (Straight) in g/l	Light ISO5 B02	Washing ISO 105-C03		Fastness Properties			
				Effect	Stain	Perspiration			
						Acidic		Alkline	
						Effect	Stain	Effect	Stain
	Black NN	150	4	4-5	4-5	4-5	4-5	4-5	4-5
	Black WNN	150	4	4-5	4-5	5	5	5	5
	Black DN Conc	150	4	4-5	4-5	4	4-5	4-5	4-5
	Black GDNN	150	4	4-5	4-5	4	4-5	4-5	4-5
	Black PFG	150	4	4-5	4-5	5	5	5	5
	Black PFR	150	4	4-5	4-5	5	5	5	5

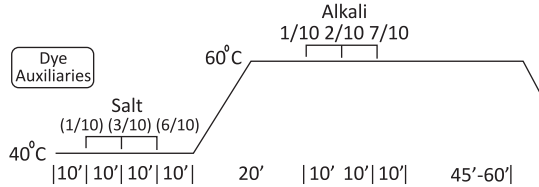
Texafix RR	Product Name	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Dischargeability	Application			Fastness Properties			
					Exhaust Dyeing	Pad Dry	Pad Steam	Print Dry	Steam	Light AATCC 16E 20AFU	Washing ISO 105-C03
	Yellow RR	100	60°C	G	S	S	S	3	5		
	Red RR	100	60°C	F	S	S	S	3	5		
	Blue RR	100	60°C	G	S	S	S	2-3	5		

Exhaustion Dyeing Texafix HE



Dyeing depth (% o.w.f.)	Salt (g/l)		Soda ash (g/l)
	Unmerc. cotton	Merc. cotton	
up to 0.10	10	5	10
0.30	20	10	10
0.50	30	20	10
1.00	45	30	15
2.00	60	40	15
3.00	70	50	20
4.00	80	60	20
above 4.00	90	65	20

Texafix Me Type, Vs Type



Texafix ME Type

Dyeing depth (% o.w.f.)	Salt (g/l)		Soda ash (g/l)
	Unmerc. cotton	Merc. cotton	
up to 0.10	3-8	2-5	5
0.30	10-15	3-8	8
0.50	15-25	5-10	10
1.00	25-35	15-25	15
2.00	40-50	35-45	15
3.00	50	40-50	20
4.00	60	50	20
above 5.00	60<	50<	20

Texafix VS Type

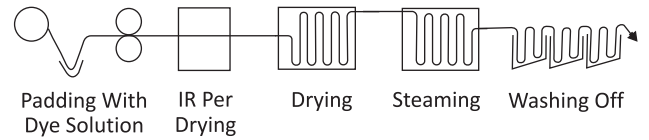
Dyeing depth (% o.w.f.)	Salt (g/l)		Soda ash (g/l)
	Unmerc. cotton	Merc. cotton	
up to 0.10	10	7	7
0.30	20	10	10
0.50	25	15	12
1.00	35	25	15
2.00	40	30	20
3.00	50	40	20
4.00	60	50	20
above 4.00	60-80	50-70	20

Cold Pad-Batch Dyeing



TEXAFIX vinyl sulfone dyes.....	Xg/l
Caustic soda (38 B'e).....	5-35 g/l
Sodium silicate (40 B'e).....	40-100g/l
Batching time.....	6-24hrs

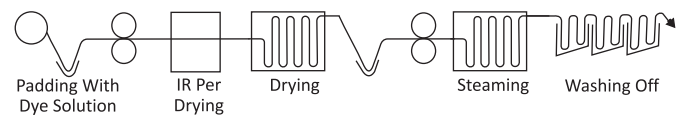
Continuous Dyeing Pad-Dry-Steam



Padding Solution

Texafix vinyl sulfone series.....	X g/l
Urea.....	0-50 g/l
Reduction inhibitor.....	10 g/l
Migration inhibitor.....	1 g/l
Sodium bicarbonate.....	10-20 hrs
Drying Steaming.....	110-120°C, 2 min
Normal steaming (Saturated steam).....	110-105°C, 5-10 min
HT steaming (In super-heated steam).....	120-130°C, 3-5 min or 140-160°C, 1-2 min

Pad-Dry-Pad-Steam



TEXAFIX vinyl sulfone series.....	X g/l
Migration inhibitor.....	1 g/l
Urea.....	0-50 g/l
Penetrating agent.....	0.2 g/l
Monosodium phosphate.....	1 hrs

Padding

Temperature.....	20-25°C g/l
Pick up.....	60-65 %
Drying.....	110-120°C 2 min

Alkali Padding Solution

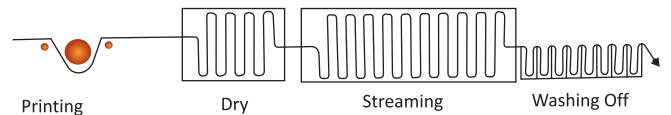
Alkali Bath Composition

Glauber's salt anhydrous or common salt.....	25 g/l
Caustic soda (38 B'e).....	10-20 ml/l%
Soda ash.....	0.20 g/l
Reduction inhibitor.....	10 g/l

Alkali Padding

Temperature.....	20°C
Pick up.....	80%
Steaming.....	100-105°C, 45-90 sec

Printing



	Normal Steaming	Hot Steaming	Baking
Printing Dyes	X	X	X
Urea	50-100	100-200	100-200
Water	Y	Y	Y
Stock paste (4-12%)	400-600	400-600	400-600
Reduction Inhibitor	10-20	10-20	10-20
Alkali	10-30	10-20	10-20
Total	1000	1000	1000
Fixing Temperature	102°C	130°C	150°C
Fixing Time	5-10min	3-5min	2-3min

Dishchargeability

Dishchargeability varies with the depth of ground dyeing and recipe of white discharge. The discharge test was made on cotton fabrics dyes at 1/1 of the standard depth by the following recipes.

	Neutral	Alkaline
Thickener (Alginate 5%)	50	50
Rongolite C	15	15
Soda Ash	-	5
Balance	X	Y
Total	100	100

Texafix Premium Dyes	Product Name	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Application			Fastness Properties		
				Exhaust Dyeing	Pad Batch Dyeing	Dischargeability	Light AATCC 16E 20AFU	Washing ISO 105-C03	105-E03 Chlorine 20m g/l
	Deep Yellow PF3R	120	60	S	S	F	4	4-5	4-5
	Deep Orange PF2R	100	60	S	S	G	3-4	4-5	4
	Deep Orange PF3R	100	60	S	S	G	3-4	4-5	4
	Deep Red PF3R	120	60	S	LS	P	3	4	3-4
	Deep Red PF3B	120	60	S	LS	P	3	4	3-4
	Deep Red PF2B	120	60	S	LS	P	3	4	3-4
	Deep Cherry CD	100	60	S	LS	P	3	4-5	3-4
	Deep Red CD	100	60	S	LS	P	3	4-5	3-4
	Sky Blue G	100	60	S	S	F	4	4	2-3
	Blue FNG	120	60	S	S	F	4	4	2-3
	Royal Blue PX	100	60	S	S	P	4	4	2-3
	Blue CD	100	60	S	S	F	4	4	3
	Navy Blue SGL	100	60	S	S	F	4	4	3

Texafix HE	Product Name	CI	Solubility at 30° (Straight) in g/l	Optimum Dyg. Temp.	Exhaust Dyeing	Application	Fastness Properties			
							Light AATCC 16E 20AFU	Washing ISO 105-C03	Crocking ISO 105-X12	ISO 105 Chlorine 20m/l
	Yellow HE4G	Yellow 81	25	80°C	S	4	4-5	4	2-3	
	Yellow HE4R	Yellow 84	70	80°C	S	4	5	4	3-4	
	Golden Yellow HER	Yellow 84:1	70	80°C	S	3-4	4-5	3	2-3	
	Yellow HE6G	Yellow 135	45	80°C	S	4	4-5	4	3	
	Orange HER	Orange 84	35	80°C	S	3	4-5	3	3	
	Orange HE2R	Orange 84:1	35	80°C	S	3	4-5	3	3	
	Brill. Red HE3B	Red 120	85	80°C	S	4	4-5	3-4	4	
	Red HE7B	Red 141	150	80°C	S	4	3-4	3-4	4	
	Red HE8B	Red 152	160	80°C	S	4	4-5	3-4	3-4	
	Turq. Blue HEG	Blue 71	70	80°C	S	4	3	3	3	
	Navy Blue HER	Blue 171	60	80°C	S	3-4	3-4	3-4	3	
	Navy Blue HE2R	Blue 172	70	80°C	S	3	4-5	3	2-3	
	Blue HERD	Blue 160	80	80°C	S	4	5	4	3	
	Blue HEGN	Blue 198	70	80°C	S	4	3-4	3-4	1	
	Green HE4B	Green 19A	130	80°C	S	3	4-5	3	2-3	

Texafix P&H	Product Name	CI	Solubility (Straight) in g/l	Application			Fastness Properties		
				Pad Stream	Pad Dry Pad Steam	Light AATCC 16E 20AFU	Washing ISO 105-C03		ISO 105-E03 Chlorine 20m g/l
							Stain	Effect	
	Yellow P6GS	Yellow 95	50	S	S	4-5	5	5	3
	Yellow H4G	Yellow 18	130	S	S	4	4-5	4-5	2
	Golden Yellow HR	Orange 12	110	S	S	4	5	4-5	3
	Orange P2R	Orange 13	150	S	S	3-4	4-5	4-5	3
	Red PB	Red 24	150	S	S	3-4	4	4	3
	Red P2B	Red 45	100	S	S	3-4	4	4	4
	Red H8B	Red 31	80	S	S	3	4	4	4
	Red P6B	Red 218	100	S	S	4	4	4	4
	Red P4B	Red 245	100	S	S	4	4	4	4
	Red P4BN	Red 3.1	80	S	S	3	4	4	4
	Magenta HB	Red 14	80	S	S	3	4	4	1
	Purple H3R	Violet 1	150	S	S	4	5	4-5	3
	Turq. Blue H5G	Blue 25	150	S	S	4	4	4	3
	Turq. Blue PGR	Blue 72	120	S	S	5	4	4-5	3
	Blue 5RH	Blue 13	120	S	S	3-4	4	4	1
	Supra Blue P3R	Blue 49	80	S	S	4	5	5	2
	Navy Blue RX	Blue 59	70	LS	S	4	4	4	3
	Red Brown H4R	Brown 9	90	S	S	3	4-5	4-5	3
	Brown PGR	Brown 11	80	S	S	4	4	4	3
	Black PGR	-	60	S	S	4	4-5	4	3
	Navy P2R	Black 39	80	S	S	3-4	4-5	4-5	2-3

Key To Abbreviations : S = Suitable LS = Less Suitable NS = Not Suitable
G = Good F = Fair P = Poor

(The information contained here in is provided in good faith and without any warranty)

- VS = Vinyl Sulphone
- ME = Bi-Functional
- HE = High Exhaust
- M = Cold Brand
- P&H = Printing & Hot Brand