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VITOLON

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VITOLON INDIA LIMITED

REACTIVE DYES



Offering products that meet the expectations of our users is something VITOLON INDIA LIMITED strives for Understanding the needs And requirements of our customers and Presenting them with the products that will Work for them has always been our major Goal as a business.

We feel a certain pride when our customers place their trust in our company and its products and when we further meet their expectations by offering excellent products prepared by our teams of expert professionals. As a company, we always look forward To new challenges and turning them Into opportunities to impress Our clients and customers.



Reactive colors are a major contributor to the share of coloration requirements. They are basically used and applied because of the color value they offer and the ease of achieving major technical properties. Reactive colors are used in a large variety of dyeing, textile printing, digital ink, etc. applications.

Vitolon India is an Ahmedabad-based company that deals in bulk sales of Textile and Industrial Dyes and Chemicals. We offer quality products to both large as well as small scale companies. Vitolon India is known for offering a full-color spectrum specifically dedicated to printing inks, soaps, detergents, Paints, rubber articles, and textile printing. Our products have been Exported and made use of by various Companies located in different cities and Countries. We have been exporting these Products since 2013 and have gained a Fair reputation in the consistent quality of Our products because we believe that quality is an integral aspect of any product or service.



## Our product ranges focus on:

- HEXF - HEXF 80°C
- XF – HIGH LEVELLING
- XF-D- HIGH DISCHARGE
- XF-CL – CHLORINE FAST
- XF-FN – PLF FAST



We strive to provide consistent delivery of quality products to all big and small customers, both domestically and internationally.

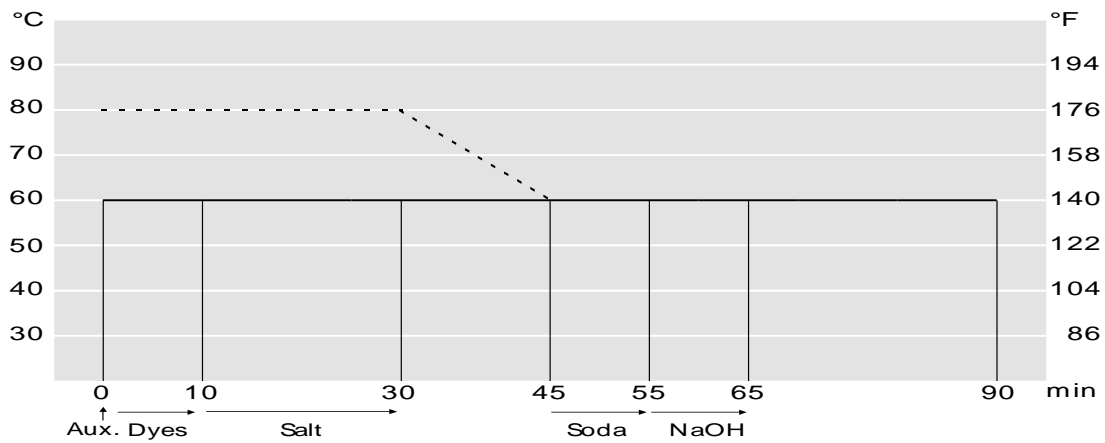
## Advantages offered by our products:

- Higher Color Strength
- High Solubility
- High Fastness Properties
- High Levelling
- High Stability RTF
- Bright and attractive hue



Our products are designed and produced as per the specified applications in order to efficiently meet the exact standards. There have been no incidents of toxicity or side effects that have been known to us or generated by the users so far. C.O.A with the products provides a detailed analysis of technical parameters and computerized color assurance.

**Dyeing Methods:** Refer Separate TDS\* for various dyeing methods detail.



- 60°C ISOTHERMAL for normal dyeing
- 30-60°C PROGRESSIVE (for Blue R)
- 80/60 Migration (for Turquoise, Viscose, Merc. Cotton, High density, High twist)

#### Washing off:

- Overflow rinse
- Acid neutral 50 °C
- Hot wash 80°C
- Soaping at 95°C (VITOL DTC20/ADTN)
- Hot wash – Cold wash
- Dye-fixer VITOFIX DFL PH-5 40 °C
- Finish: VITOSOFT CWP -1-2% PH-5 40°C



<b>SALT ALKALI TABLE</b>				
<b>GPL*</b>	<b>Light</b>	<b>Medium</b>	<b>Dark</b>	<b>Heavy Dark</b>
<b>SALT</b>	<b>20</b>	<b>40</b>	<b>60</b>	<b>80</b>
<b>SODA</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>CAUSTIC</b>	<b>0 to 0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>
<b>* FOR Viscose / Merc Cotton/ Turquoise/ HE dyes use 20% less Salt</b>				

#### **RFD - CHECK POINTS**

HARDNESS < 50 PPM , PH 6-7  
 PEROXIDE - 0 , ABSORBENCY- 0  
 TEGEWA >6 , CONSISTENCY >95%

#### **DYEING AUXILLARIES**

LEVELLING - VITOLEV STB + VITOLEV ADTN  
 DISPERSING & DISSOLVING - VITOL ADTN  
 DYE FIXER - VITOFIX DFL  
 SOAPING - VITOSOAP DTC 20 OR VITOL ADTN

#### **PRETREATMENT**

OT ADDITIVE - VITOL BXL25  
 DESIZING - VITOZYME ADZ+ VITOL BXL  
 SIZE WASHING - VITOL FIO  
 WATER HARDNESS - VITOL 600  
 ABSORBENCY - VITOL RWLF OR VITOL BXL25  
 MERCERISING - VITODYNE MR/MA  
 PEROXIDE STABLISER - VITOL STB

#### **FINISH**

VITOSOFT CWP25  
 VITOSOL MB EXTRA/EMD50/5505/2000  
 VITOSOFT CV90 BASE GEL  
 VITOSOFT FLAKES NONIONIC  
 VITOSOFT FLAKES CATIONIC CWS  
 VITOSOFT FLAKES CATIONIC HWS  
 VITOSOFT PS800 - SILICON - BRIGHTNESS

#### **PIGMENT PRINTING**

BINDER - VITOPRINT EBS  
 THICKENER - EUROPRINT TH100  
 FIXER- VITOFIX CCL65  
 ANTICHOCKING - VITOPRINT EPC  
 SOFTNER & RUBBING IMPROVER PREMIUM - VITOPRINT SPG

#### **REACTIVE PRINTING**

REACTIVE THICKENER - VITOPRINT RTH 100  
 DISPERSING - VITOLEV ADTN


#### **DISPERSE PRINTING**

LOOP ACCELERATOR - VITOL HDN  
 PENETRATION - VITOL KBI



## VITOCRON REACTIVE DYES 60°C FIXATION

<b>L - HI LIGHT FAST</b> <b>D - DISCHARGEABLE</b> <b>CL - CHLORINE FAST</b> <b>XF - HIGH FAST/HIGH LEVEL</b>	SHADE 2%	FASTNESS 1/1 SD	LIGHT ISO105B02	LIGHT ISO105B02 (1/3 SD)	WASHING ISO C03	CHLORINE (20ML/L- 70 ° D3S)	RUBBING - DRY/WET	PERSPIRATION (ALK/ACID) M&SC7	M&S C10/ C9/C13	PEROXIDE FASTNESS	WATER SEVERE	EXHAUSTION	PAD & PRINT APPLICATION	DISCHARGEABLE	TOWEL - BPO /CHLORINE FAST	M&S C10/ C9/C13
VITOCRON LEMON XF		Y37	4-5	4	4	3	4-5/4	4	2	4	4	79%	N	N	N	N
VITOCRON YELLOW XF		Y145	4-5	4	4-5	4	4-5/4	4-5	4-5	4-5	4-5	92%	Y	Y	Y	Y
VITOCRON G. YELLOW XF		O107	4-5	4	4	3	4-5/4	4	4-5	4	4	79%	Y	Y	Y	Y
VITOCRON BR. ORANGE XF		O16	4-5	3	4	3	4/3	4	2	4	4	79%	Y	M	N	N
VITOCRON PINK XF		R198	4-5	3-4	4-5	4	4/3	4	4-5	4	4	89%	Y	M	Y	Y
VITOCRON RED 3RXF ( FULL D)		SPL	4-5	3-4	4-5	4	4/3	4	4-5	4	4	89%	Y	M	Y	Y
VITOCRON RED XF		MIX	4-5	4	4-5	4	4/3	4-5	4	4-5	4-5	92%	Y	M	NS	Y
VITOCRON MAROON XF (D)		MIX	4-5	4	4-5	4	4/3	4-5	4	4-5	4-5	92%	Y	Y	NS	Y
VITOCRON VOILET XF		MIX	4	3	4	3	4/3	4	2	3	4	87%	N	N	NS	NS
VITOCRON GREY XF (L)		MIX	4-5	4	4-5	3	4/3	4-5	3	4-5	4-5	90%	Y	Y	NS	M
VITOCRON LT. BLUE DXF (L - D)		B221	4-5	4	4-5	3	4/3	4	3	4	4	89%	Y	Y	NS	M
VITOCRON DK BLUE 2XF (L)		B222	4-5	4	4-5	4	4/3	4	4-5	4	4	89%	Y	N	Y	Y
VITOCRON NAVY XF (D)		B220	4-5	4	4-5	4	4/3	4	4-5	4	4	89%	Y	Y	Y	Y
VITOCRON DK NAVY 2XF (D)		BLK-5	4-5	3-4	4-5	4	4/3	4-5	2-3	4-5	4-5	90%	Y	Y	N	N
VITOCRON S. BLACK XF		BLK	4-5	3-4	4-5	4	4/3	4-5	4	4-5	4-5	90%	Y	Y	Y	Y
VITOCRON TURQ XF		B21	4-5	4	4	3	4/3	4	3	3-4	4	79%	M	N	N	M
VITOCRON BR BLUE XF		B19	4-5	4	4	3	4/3	4	3	4	4	79%	M	N	N	M



The information and shades of printing colors mentioned in this particular catalogue are depending on the present state of knowledge. With this information, we intend to provide a general note on our range of products and their various uses. Customers are always recommended to check the suitability and applicability of each product before buying and using them.

### **Special Note for Customers / Users**

The shades and colors mentioned in this catalogue are approximate, so customers are requested to only refer to them as guidelines. These shades and colors cannot be used as samples for testing out the fasting properties of the printing colors.



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