# Datacolor® Match Textile

Smart Color Matching for Textiles


## Powerful and accurate color matching software

For color professionals in the textile industry, Datacolor® Match Textile provides enhanced functionality and greater ease of use. Optimize textile recipes based on your customer's needs and improve efficiencies with networked color management. Boost productivity and save time and money by streamlining your color development process with one complete solution backed by global, industry specific application support.

Proven cost reductions:

With its leading-edge Smart Match algorithms, Datacolor Match Textile offers superior first shot matches, reducing the need for correction. Additional benefits include:

- Faster throughput of lab requests
- Fewer lab dyeings
- Self-learning system that captures reality
- Up to 50% increase on first shot matches

# Datacolor Match Textile

## Streamline Color Development

Ensure accurate color throughout the dyeing process
Datacolor Match Textile significantly increases the accuracy of recipe calculation and speeds up the color matching process, resulting in improved productivity and lower costs.

Cost and quality optimized
Grouped formulation settings allow customers to easily optimize matching results, eliminate errors and ensure faster color approval.

## Increase Efficiency

Save time & money with easy-to-create recipe results
The SmartMatch algorithms offer superior first shot matches, reducing the need for corrections. This results in decreased raw material consumption and faster throughput

Intuitive access to tutorials and superior functionality
Improved user-interface and interactive tutorials offer increased productivity, reducing the learning curve.

## Ensure Consistency

Quickly address challenging lab requests
Gain valuable time and competitive advantage by quickly exchanging recipes and reflectance data using Datacolor Match Textile's recipe communication features.

Reduce corrections by working with process-related standards
Shade variation that results from post-dyeing process can be accounted for by applying Offset data to the initial formulation. By applying Offset data to any given standard, matching the right target every time is assured.

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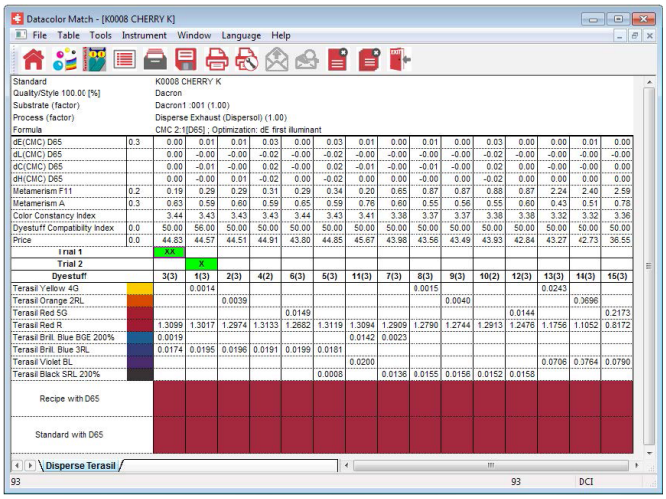
## Key features

Match Textile's unique features and flexible configuration options enable the software to be tailored to meet each individual user's requirements.

- Intuitive user interface
- User-defined recipe status values
- Enhanced recipe exchange
- Customer-specific matching parameters
- Built-in history to track recipe quality
- Offset matching
- Color constancy optimization
- Multi-illuminant match for reduced metamerism
- Optimize dH for single/multiple illuminants
- Standard and Smart Match recipes in parallel
- Detailed tutorials and informative Tips of the Day
- Dye compatibility management to ensure use of preferred dyes
- 3-D graphics to support dyestuff selection




Datacolor Match Textile Datacolor Match Textile is offered at different functionality levels to satisfy individual customer requirements. The Essentials level serves all general color matching needs and comes bundled with Datacolor Tools  Plus color QC software.

# Datacolor Match Textile

## Dyset preparation functions

- Chemicals stored during dyeset preparation
- Up to 16 levels for dyestuff characterization
- Ingredient compatibility manager
- Dyeset quality analysis

## Superior recipe correction functions

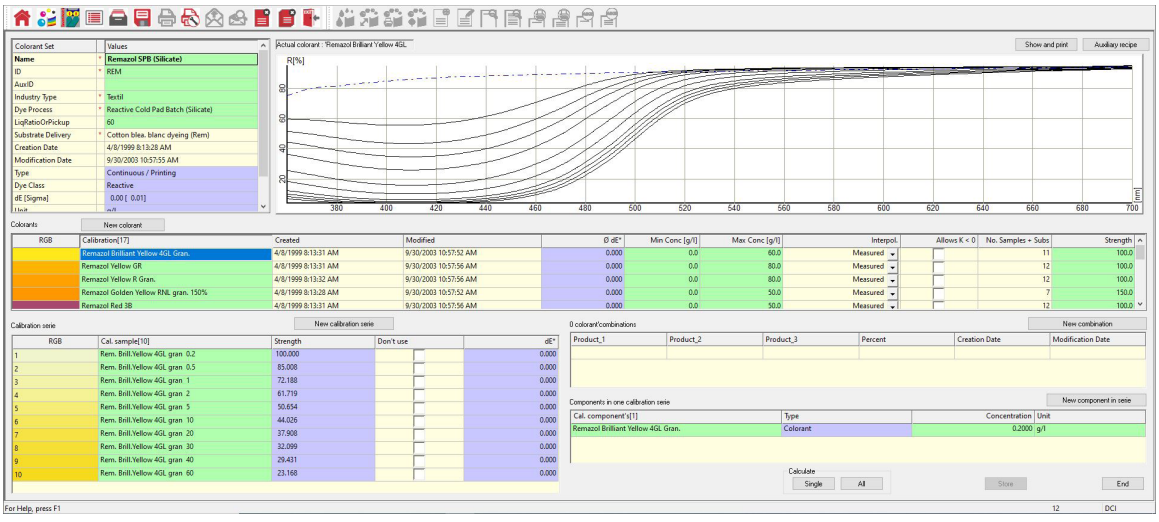
- Correct one or all parts of a blended fabric
- Colorimetric analysis for corrective decisions
- Shade correction based on minimized dH
- Offset standards for process-dependent recipe correction

## Advanced formulation function

- Create recipes for exhaust, continuous and pad batch dyeing, printing and fiber blending
- Advanced recipe history, data sorting and search capabilities
- Multiple recipe optimization options including weight of dH and color constancy
- Customer-dependent settings for match prediction can be stored
- User-defined recipe status and location
- Export features including theoretical curves and export to MS-EXCEL
- Offset matching for any standard

## Optional available as feature packages

- Batch matching and fast correction
- Manual recipe input
- Storage and use of additional effects (substrate, etc.)
- Advanced Smart Match with automated housekeeping
- Multi-illuminant and multi-color match
- Create dyestuff groups based on dyestuff technical data
- Work with fixed dyestuff relationships and concentration limits
- Complete lab dyeing procedures



*"Match Textile offers advanced colorant set preparation for a variety of textile coloration methods ranging from exhaust, continuous and pad batch dyeing to printing and fiber blending"*

# Datacolor Match Textile

## System requirements

| Component | Recommended |
|---|---|
| Operating System | Windows 10 and 11 (Pro or Enterprise Only) |
| Required Framework | Microsoft .NET Framework 4.7.2 or higher |
| Processor | Dual Core or higher (See Windows Operating System Requirements) |
| Memory | 8 GB or more |
| Hard drive | 500 GB |
| Display | 1920x1080 - size of text only 100% supported |
| Graphic card | Graphic card supporting OpenGL 2.1 |
| Connections | Serial, USB, Bluetooth or Ethernet (Depending on spectrophotometer model) |
| Server OS | Windows Server 2016, 2019, 2022 |
| Additional Requirements | SQL Server 2012 to 2019 |
| Internet Connection | Internet access recommended for software updates and license activation |

Note: Lower system configurations may limit performance, data capacity and operation of some features. Faster processor, more memory and faster hard drives will significantly enhance performance.

For more information, please visit www.datacolor.com/matchtextile

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