

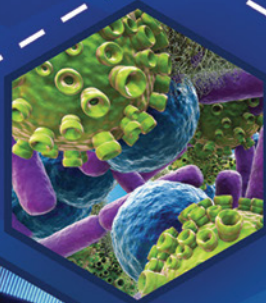
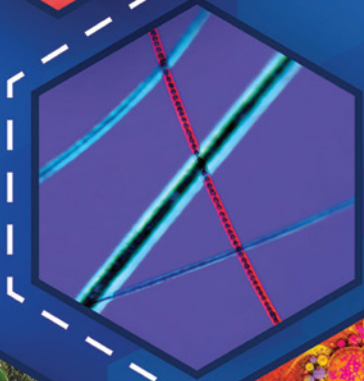
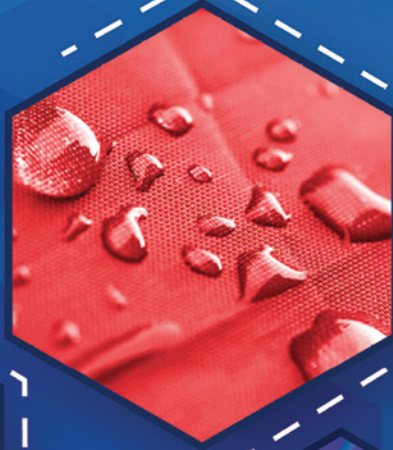


# PROGRAMS & SERVICES

*for the Textile, Apparel, Chemical, and Materials Industries*

## **Resources:**

- Textile Test Standards
- Research & Innovation
- Quality Control & Testing Products
- Education & Events
- Individual & Corporate Membership
- Professional Development & Networking



The background of the entire page features a complex, colorful pattern of overlapping lines and shapes, primarily in shades of red, orange, and blue. In the lower-left corner, there is a large, stylized graphic of a textile fiber bundle, rendered in vibrant pink, purple, and blue colors. The top of the page has a dark blue horizontal band containing the main headline.

*AATCC connects the global textile community to empower an innovative, informed, and sustainable future.*

## **AATCC—Trusted for Over 100 Years!**

The American Association of Textile Chemists and Colorists (AATCC) is a nonprofit organization serving the global textile industry and its professionals since 1921.

AATCC has thousands of individual and corporate members around the world. Members represent materials and fiber producers, dye and chemical manufacturers, designers, textile manufacturers, instrument and machinery manufacturers, testing laboratories, consumer and retail organizations, government agencies, universities, colleges, students, and academic experts.

AATCC provides trusted textile resources, standard test methods, quality control materials, education, and professional development for a global audience.



# Testing & Standards

## AATCC STANDARDS

AATCC test methods and procedures for textile evaluation are international standards cited in government, industry, and individual company specifications worldwide. AATCC test methods and procedures address:

- Biological Properties
- Carpet Testing
- Colorfastness
- Dyeing & Wet Processing
- E-textiles
- Identification & Analysis
- Laundering & Dry Cleaning
- Moisture Management
- Water & Weather Resistance
- Sustainability
- Emerging Issues. . . + More

## Test Methods

AATCC's best known publication is the annual *AATCC Manual of International Test Methods and Procedures*, containing 150+ current test methods, procedures, and related content. The manual is available as the familiar black and gold hard-bound volume or as a searchable electronic version. Individual test methods are also available for immediate download. AATCC members receive a generous discount on all publication purchases.

[www.aatcc.org/testing/#tm](http://www.aatcc.org/testing/#tm)



***Manual of International  
Test Methods  
and Procedures***

## Test Method Development

### Research Committees

Volunteer committee members create and update AATCC test methods and evaluation procedures.

Diverse perspectives are valued and every voice is important. Most communication and balloting is electronic, so you can participate from anywhere.

There is never a fee to attend meetings. You can even attend meetings by phone or online.

[www.aatcc.org/committees](http://www.aatcc.org/committees)

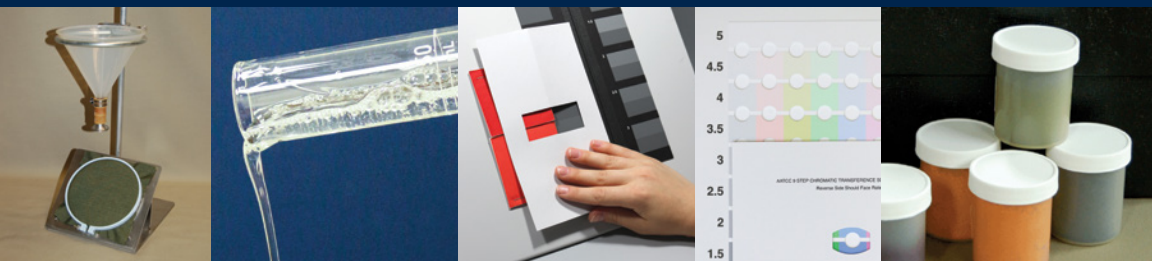
## Online Test Method Training

Watch AATCC test method instruction and demonstrations from anywhere! Customize your training by selecting the modules you need most and view at your convenience. Each module includes several hours of explanation and demonstration of AATCC test methods and procedures in webinar format. You can view and learn the recorded modules straight through or in segments.

[www.aatcc.org/learn/#otmt](http://www.aatcc.org/learn/#otmt)



# Quality Control & Testing Products



## GET THE RIGHT TOOLS

Many of the tools needed to properly conduct AATCC test methods are available directly from AATCC. Products include test methods, testing apparatus, verification fabrics, evaluation scales, and consumables. AATCC also provides a selection of publications, training, and educational tools.

## Test Method Training

AATCC provides numerous resources to support reliable textile testing. AATCC test method instruction and demonstrations are used for training so you can get testing right! Training courses are developed by the AATCC technical staff and provide in-depth information on test methods. Participants will learn:

- How key test methods are performed.
- Best practices for each test method discussed.
- Identification of testing equipment and its association with respective test methods.
- How test results are assessed and scored.
- How to avoid common issues associated with methods, results, equipment, and protocol.

## Detergent

AATCC standard detergents allow for labs around the world to use the same detergent, for testing consistency. Standardized detergent is formulated to resemble an average consumer detergent, but with much greater consistency. For colorfastness testing, detergent without optical brightener (WOB) eliminates interference with the actual color change of a tested specimen. High efficiency detergent is also available.

## UV Calibration Fabric for Spectrophotometers

Accurate instrumental color measurement requires regular calibration; accurate textile color measurement requires calibration with a textile (not plastic) standard. Ultraviolet (UV) calibration is critical for consistent measurement of whites and other optically-brightened colors across your supply chain. Order a new textile standard every six months to calibrate the UV energy of your spectrophotometer.

[www.aatcc.org/testing](http://www.aatcc.org/testing)

**View the AATCC  
catalog for all  
our testing tools!**

SCAN TO DOWNLOAD



# Proficiency Testing Programs

## ANONYMOUSLY COMPARE RESULTS WITH HUNDREDS OF OTHER LABS

### *Participate in any or all the programs!*

When participating in AATCC Proficiency Testing Programs (PTP) labs receive test samples, instructions, and data sheets from AATCC. Submit test results online to view a report of all participating labs' data. Each lab has a code to identify its data. Each distribution includes one shipment and report. Registered labs receive a Certificate of Participation at the end of the calendar year.



### PTP1: Color Evaluation

AATCC EP1, Gray Scale for Color Change

AATCC EP2, Gray Scale for Staining

AATCC EP7, Instrumental Assessment of the Change in Color of a Test Specimen

AATCC EP12, Instrumental Assessment of Degree of Staining

### PTP2: Fiber Analysis

AATCC TM20, Fiber Analysis: Qualitative

AATCC TM20A, Fiber Analysis: Quantitative

### PTP3: Appearance & Physical Properties

AATCC TM88B, Seam Smoothness in Fabrics after Home Laundering

AATCC TM88C, Crease Retention in Fabrics after Home Laundering

AATCC TM124, Smoothness Appearance of Fabrics after Home Laundering

AATCC TM128, Wrinkle Recovery of Fabrics: Appearance

AATCC TM135, Dimensional Changes of Fabrics after Home Laundering

AATCC TM179, Skew Change in Fabrics after Home Laundering

### PTP4: Antibacterial Properties

AATCC TM100, Antibacterial Finishes on Textile Materials: Assessment of

AATCC TM147, Antibacterial Activity of Textile Materials: Parallel Streak

[www.aatcc.org/ptp](http://www.aatcc.org/ptp)

[www.aatcc.org/testing](http://www.aatcc.org/testing)

## Achieve Consistent Test Results. *GET THE RIGHT TOOLS!*



Order Online!

<https://members.aatcc.org/store/StoreFront.html>

# Proficiency Testing Programs

## PTP5: Resistance & Repellency

AATCC TM22, Water Repellency: Spray  
AATCC TM35, Water Resistance: Rain  
AATCC TM42, Water Resistance: Impact Penetration  
AATCC TM118, Oil Repellency: Hydrocarbon Resistance  
AATCC TM127, Water Resistance: Hydrostatic Pressure

## PTP6: Colorfastness

AATCC TM8, Colorfastness to Crocking: Crockmeter  
AATCC TM15, Colorfastness to Perspiration  
AATCC TM16.3, Colorfastness to Light: Xenon-Arc  
AATCC TM61, Colorfastness to Laundering: Accelerated  
AATCC TM107, Colorfastness to Water  
AATCC TM133, Colorfastness to Heat: Hot Presssing  
AATCC TM162, Colorfastness to Water: Chlorinated Pool

## PTP7: Moisture Management

AATCC TM79, Absorbency of Textiles  
AATCC TM195, Liquid Moisture Management Properties of Textile Fabrics  
AATCC TM197, Test Method for Vertical Wicking Rate of Textiles to Specified Distances  
AATCC TM198, Horizontal Wicking of Textiles  
AATCC TM199, Drying Time of Textiles: Moisture Analyzer  
AATCC TM200, Drying Rate of Textiles at their Absorbent Capacity: Air Flow  
AATCC TM201, Drying Rate of Fabrics: Heated Plate  
AATCC TM204, Water Vapor Transmission of Textiles  
AATCC TM213, Test Method for Vertical Wicking Rate of Textiles to Specified Time  
AATCC TM213, Vertical Wicking Rate of Textiles: to Specified Times

[www.aatcc.org/ptp](http://www.aatcc.org/ptp)

[www.aatcc.org/testing](http://www.aatcc.org/testing)





# Individual Membership



**Connect | Inform | Innovate**

## BENEFITS

### Read

- AATCC Review magazine
- AATCC Journal of Research peer reviewed e-journal
- AATCC News e-newsletter
- AATCC Blog

### Network

- Connect with other textile professionals.
- Get involved in Local Sections or Interest Groups.
- Use the Buyer's Guide to find vendors.
- Find jobs on the Textile Jobsite.

### Research

- Search the EBSCO Textile Complete database article archive.
- Access members-only free video recordings and book downloads.

### Engage

- Make contacts at Local Section meetings.
- Connect with Interest Groups of like-minded professionals.
- Attend members-only educational meetings and virtual tours.
- Connect with members online through AATCC Communities.
- Get involved in Research, Technology, and Interest Group Committees to stay on top of standards development and AATCC offerings.

### Save

- Save with registration discounts for AATCC conferences, workshops, and online training.
- Receive significant discounts on AATCC publications including the *AATCC Manual of International Test Methods and Procedures*.



[www.aatcc.org/join/#individual](http://www.aatcc.org/join/#individual)

# Corporate Membership

## BENEFITS

### All Corporate Members (Silver, Gold, Platinum, or Diamond)

- Complimentary Individual Memberships for employee(s)—number depends on corporate membership level (membership belongs to the company and may be transferred to another employee). *Plus*, one free Young Professional complimentary membership.
- Discounts for ALL employees on publication purchases and educational program registrations.
- Membership plaque.
- Searchable *AATCC Manual of International Test Methods and Procedures* PDF on a USB drive.
- Buyer's Guide listings—includes a link to your products' website.
- Company profile introduction in *AATCC Review*.
- Use of AATCC logo.
- Link from the AATCC site to yours.
- Unlimited job listings on the AATCC Textile Jobsite.
- Discounted advertising rates in all AATCC media.
- Reduced exhibition rates at the AATCC Textile Discovery Summit.
- Access to AATCC Technical Center—laboratory, conference facilities, and Members' Office.
- AATCC Foundation Scholarship available for Corporate Member employees and their children.

### Additional Corporate Membership Benefits

#### Gold Level Corporate Members and Above:

- Two copies of the *AATCC Manual of International Test Methods and Procedures* PDF.
- One complimentary registration for an AATCC solely-sponsored conference or webinar.

#### Platinum & Diamond Level Corporate Members:

These Corporate memberships feature extended benefits including:

- Additional complimentary individual memberships for employee(s).
- Additional complimentary program registrations.
- Larger discounts for advertising with AATCC.
- Ability to designate additional divisions/locations (assigned at the time of renewal) to each receive an additional PDF copy of the *AATCC Manual of International Test Methods and Procedures*.

[www.aatcc.org/join/#corporate](http://www.aatcc.org/join/#corporate)



# Join AATCC!



*Receive member only discounts.*

[www.aatcc.org/join](http://www.aatcc.org/join)

# Education & Events

## GET INVOLVED!

### Connect with Industry & Academic Experts

- **Attend events**—from conferences and workshops to online learning, AATCC has you covered!
- **Present your work or teach others!** AATCC has many opportunities for you to speak and share research, knowledge, and experience.
- **Participate on the Education Advisory Board Committee**—put your expertise to work and help develop educational events and activities.
- **Share your ideas!** What do you want to learn about?

[www.aatcc.org/events](http://www.aatcc.org/events)

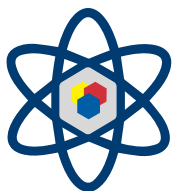
[www.aatcc.org/learn](http://www.aatcc.org/learn)

### Workshops

AATCC workshops offer hands-on experience at the AATCC Technical Center, a lab near you, or your own facility. Limited class size allows personal attention and plenty of time for questions. Workshops are taught by industry experts and cover a number of topics. Popular workshops include:

- **Color Management**
- **Textile Testing**
- **Moisture Management**

[www.aatcc.org/workshops](http://www.aatcc.org/workshops)



### Digital Labs

AATCC Digital Labs provide web-based training, lectures, and informational discussions exploring textile-related topics with industry and academic experts. Attend a live session or browse the archive and get started today!

[www.aatcc.org/digital-labs](http://www.aatcc.org/digital-labs)



### Textile Discovery Summit

AATCC's Textile Discovery Summit is an annual event for the textile community to learn and interact together. This multi-day event features educational presentations from industry leaders and academic experts, interactive networking breakouts and receptions, a showroom for innovative products and processes, resources, and information on the latest in textiles, and more!

[www.aatcc.org/summit](http://www.aatcc.org/summit)



# Get involved with AATCC and test method development!

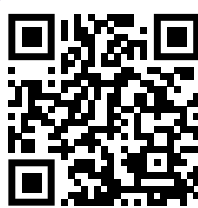
VIRTUAL & IN-PERSON

*Participate, vote, and attend AATCC Committee meetings from anywhere.*

[www.aatcc.org/committees](http://www.aatcc.org/committees)

**SUBSCRIBE FOR FREE!**

*Don't miss out on updates,  
news, and upcoming events  
from AATCC!*



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