

Revolive™

2-in-1 Sustainable Flat Mop Covers



 **Texwipe®**
An  Company

www.texwipe.com

TECHNICAL DATA SHEET



Products

Number	Description	Sterile	Packaging	Case
<i>Mops Non-Sterile</i>				
TX1720	Mini AlphaMop™ Cover, non-sterile		10 covers/bag, double-bagged	10 bags
TX1721	AlphaMop™ Cover, non-sterile		10 covers/bag, double-bagged	10 bags
<i>Mops Sterile</i>				
STX1720	Mini AlphaMop™ Cover, sterile	●	10 covers/bag, triple-bagged	10 bags
STX1721	AlphaMop™ Cover, sterile	●	10 covers/bag, triple-bagged	10 bags

T E C H N I C A L D A T A S H E E T

Description

Revolve™ 2-in-1 mop covers, the first sustainable covers made for the cleanroom industry, are made from 100% upcycled polyester and are a part of Texwipe's Revolve™ line of sustainable products. Revolve™ mop covers contribute to a company's sustainability goals, reducing the amount of post-consumer water bottles going into the landfill and reducing the level of carbon emissions.

Revolve™ 2-in-1 flat mop covers are designed for easy cover changes by combining the cover and the mop pad in one. The polyester mop pad is integrated with the polyester cover, making the mop cover and pad replacement a one-step process. The padded cover allows for consistent contact with a surface.

Two sizes available to fit the AlphaMop™ (TX7108, TX7108AH) and the Isolator Cleaning Tool/ Mini AlphaMop™ (TX7101, TX7105). These are available in sterile and non-sterile offerings.

Applications

- Mopping and cleaning large and small surfaces.
- Applying and removing disinfectants.
- Spill control.
- Cleaning with solvents such as isopropyl alcohol (IPA), ethanol, acetone, and degreasers.
- Appropriate for use with temperatures less than 400°F (205°C).

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Industrial	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

Cleanroom Environment

- ISO Class 3 – 7
- Class 1 – 10,000
- EU Grade A – D

Shelf Life

- Non-Sterile – 5 years from date of manufacture
- Sterile – 3 years from date of manufacture

Features & Benefits

- The integrated polyester cover/pad design allows replacing covers and pads in a one-step process.
- The integrated design offers high sorption capacity, which is ideal for spill control, cleaning, and solution application.
- The covers easily fit over the mop head, permitting a quick change.
- The integrated polyester pad assures the mop cover conforms to surfaces for consistent contact and cleaning.
- Revolve™ processing provides low levels of ions, NVRs (non-volatile residues), particles and fibers for use in critical cleaning applications and environments.
- Autoclave safe.
- Individually lot coded for traceability and quality control.

Sterile Products

- Triple-bagged with a case liner, forming a fourth layer of protection.
- Gamma irradiated to a Sterility Assurance Level of 10⁻⁶ according to AAMI Guidelines.
- Certificates of Compliance, Analysis and Processing/ Irradiation available at www.texwipe.com/certifications.
- Sterile Validation Documentation available upon request.

Sustainable Materials

- Every bag of Revolve™ product indicates the number of post-consumer water bottles used to make it. For example, 13 bottles are required to make one bag of TX1721 AlphaMop™ covers.
- By using Revolve™ products, your company will participate in the reuse of the polyester polymer, saving the number of bottles indicated on each Revolve™ product bag from going into the landfill.

Storage Requirements

- Store in original packaging at ambient temperature, protect from adverse conditions.

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers LPC: $\geq 0.5 \mu\text{m}$ Fibers: $> 100 \mu\text{m}$	5.5 x 10 ⁶ particles/m ² 300 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.05 g/m ² 0.01 g/m ²	1, TM1 1, TM1
Ions Sodium Potassium Chloride	0.08 ppm 0.03 ppm 0.04 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value		Test Method*
Absorbency Sorbitive capacity Sorbitive rate	TX1720 / STX1720	TX1721 / STX1721	1, TM20 1, TM20
	35 mL/cover 0.3 second	135 mL/cover 0.3 second	

***Test Methods**

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL, 2004; www.iest.org.
- 2 – E2090-12(2020), “Standard Test Method for Size-Differentiated Counting of Particles and Fibers Released from Cleanroom Wipers Using Optical and Scanning Electron Microscopy,” ASTM International, West Conshohocken, PA, 2012; www.astm.org.
- TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Note: The data in this table represent typical analyses.

For more information on Revolve sustainable product line go to www.texwipe.com/revolve.

For TechNote [click here](#).

For Q&As [click here](#).

Texwipe holds ISO 9001 registration.

All Texwipe products conform to GHS classification for labeling (where applicable).

Shipping classification based on weight of inner package.

TECHNICAL DATA SHEET

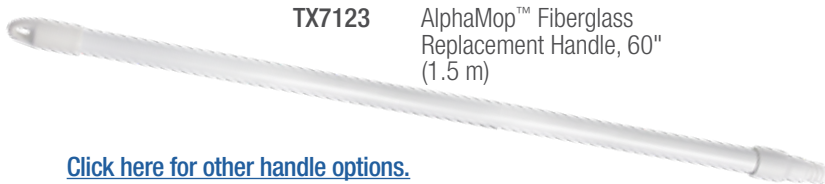
AlphaMop™ Products

MOP HARDWARE	
Number	Description



TX7108H AlphaMop™ Replacement Head

TX7108AH Autoclavable AlphaMop™ Replacement Head



TX7123 AlphaMop™ Fiberglass Replacement Handle, 60" (1.5 m)

[Click here for other handle options.](#)

Mini AlphaMop™ / Isolator Cleaning Tool Products

MOP HARDWARE	
Number	Description



TX7105 Replacement Head Tool / Mini AlphaMop™ for Isolator Cleaning Tool

TX7120 Fiberglass Replacement Handle, 12" (31 cm)

TX7121 Fiberglass Replacement Handle, 18" (45 cm)

TX7122 Fiberglass Telescoping Replacement Handle, 29" – 53" (74 cm – 135 cm)

MOP COVERS	
------------	--



TX1721 Revolve AlphaMop™ Covers, non-sterile



STX1721 Revolve AlphaMop™ Covers, sterile

MOP COVERS	
------------	--



TX1720 Revolve Mini AlphaMop™ Covers, non-sterile



STX1720 Revolve Mini AlphaMop™ Covers, sterile