

FiberWipes™

Convenient Lint-Free Wipes Reduce Costs, Boost Quality



The handy FiberWipes™ lint-free wipes are engineered for cleaning fiber optic and optical components, and double-packaged to maintain their purity during storage and while in use

- **Optical-Grade Lint-Free Wipe**
- **Engineered to Work with Solvents**
- **Far Stronger and Less Linting than Cellulose Wipes or Tee Shirts**
- **Makes “Wet/Dry” Cleaning of Fiber Optic Connectors Easy**
- **Great for Cleaning Bare Fiber**
- **Very Affordable**

General Information

FiberWipes™ are high quality, lint-free wipes engineered for use during the installation, repair and reconfiguration of fiber optic networks, but they also have many uses in cleaning optical devices such as lenses or prisms.

Packaging

FiberWipes™ Mini-Tub MCC-WFW
 National Stock Number 7920-01-547-6547

FiberWipes™ in Flat Pack MCC-WF44

Each mini-tub contains 90 perforated lint-free wipes. There are 24 mini-tubs per case, for a total of 2,160 wipes per case. Each mini-tub is approx. 3” in diameter and 3” tall (8 cm x 8 cm). The wipes are 4” x 2” (10 cm x 5 cm). The Flat Pack wipes uses the same, high-purity paper. They are 4” x 4” (10 cm x 10 cm) and are packaged in a bag of 50 wipes, in cases of 96 bags.

Both products have an unlimited shelf life and a 12-month warranty.

Related Products

These wipes and the FiberCare™ solvents allow the fast and easy implementation of the “wet/dry” cleaning process for cleaning jumper end-faces. The wet/dry process is preferred because it dissipates the static charges which can accumulate on the end-face, attracting lint or dust and thereby degrading network performance.

To implement wet-dry cleaning, MicroCare recommends the **Fiber Preparation Fluid** (#MCC-FPF03M) which is a low-araoma alternative to IPA. It is most frequently used for termination, splicing and connector end-face cleaning. The **Fiber Connector Cleaner** (#MCC-FCC03M) is a very fast-drying, low-araoma, nonflammable alternative to IPA optimized for the difficult cleaning environment found inside connector alignment sleeves. Lastly, the **Precision Optical Cleaner** (#MCC-POC03M) is a non-hazardous replacement for alcohol and acetone, and is used for cleaning optical components, including those made from soft plastics. It also is safe on plastic optical fiber and most optical coatings.

For outdoors applications, the **FiberAide™ wipes** (#MCC-FA1) are the best choice because they remain clean and pure in the hermetically sealed package until the moment they are used. They are most often selected for cleaning exposed connector end-faces in harsh environments.

For cleaning inside alignment sleeves on connectors, the **Connector Cleaning Sticks** (part numbers below) are an excellent choice. Sizes are available to clean virtually any connector. Available sizes are: for 2.5mm connectors use #MCC-S25; for 1.6 and/or 2.0mm connectors use #MCC-S16; for 1.25mm connectors use #MCC-S12; for MPO, SMA and biconic connectors use #MCC-XMT, and for exposed cylindrical connectors use #MCC-P25.

More information about these products and instructions for their use are available on-line at www.MicroCare.com.

Product Notes

AVAILABILITY. This product is available from MicroCare distributors world-wide. Contact your local distributor at www.MicroCare.com for details.

TRADEMARKS: The Fiber Connector Cleaner is protected under US patent #6,951,835. The cleaning sticks are protected under US patent #7,401,374. The FiberAide™ wipe and the Triton™ dispensing cap are both patent pending. The terms “Triton,” “FiberWipe”, “Drop-n-Stop”, “FiberAide” and “FiberCare” plus the FiberCare logo are all trademarks of MicroCare Corp. The MicroCare name and logo are registered trademarks of MicroCare Corp.

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About the Product

These lint-free wipes are made from soft, hydroentangled polyester fabric, without glues or lint cellulose. Because FiberWipes are cleaner than traditional wipes, they are ideal for cleaning optical devices, bare optical fibers and fiber optic connector end-faces.

The strong fabric resists linting and tearing even on LC connector end-faces. With excellent absorbency, these wipes lift away fingerprint oils, grime, dust, polishing media and lint. Each wipe is 4” x 2” (10 cm x 5 cm), which is the perfect size for cleaning fibers or connector end-faces. They can easily be used with solvent in “Wet/Dry” connector cleaning (see #MCC-FPF, right). There also is a larger size, 4” x 4” (10cm x 10cm), in a bag of 50 wipes for even more economical cleaning.

These wipes also are ideal for cleaning optical components such as lenses, mirrors, diffraction gratings, prisms, LCD displays and test equipment.

The FiberWipe mini-tub package is rugged and spill-proof, and each roll of wipes is protected with a plastic overwrap in addition to the tub itself. This keeps fingerprints, dust and moisture off the wipes without the expense of cartridge-style packaging. The unique “Drop-n-Stop™” packaging — the octagonal top — keeps the tub from rolling when dropped, and the small package makes them handy both on a benchtop or out in the field.

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Precision Optical Cleaner

Plastic-Safe Solvent for Cleaning High-Performance Optical Components



The Precision Optical Cleaner is a mild, nonflammable solvent designed to clean optical components, replacing alcohol or acetone often used for this task

- Nonflammable, Nonhazardous Replacement for Alcohol & Acetone
- Highest Purity for Better Cleaning
- Safe on Plastic Optical Fiber, Metals, Glass and Coatings
- Dissipates Static Charges
- Drying Rate Optimized for Optics
- Works Well With Wipes or Swabs

General Information

MicroCare's *Precision Optical Cleaner* is designed to clean critical optical devices, including soft plastic components. This fast-drying solvent cleans all types of optical surfaces as well as or better than acetone or alcohol, without the hazards or compatibility issues.

Technical Details

Chemical Family	HFE Solvent
Appearance	Clear, Colorless Liquid
Aroma	Slight, Alcohol
Boiling Point	54°C / 129°F

Solvency & Cleaning Data

Toxicity (ppm, 8 Hr., TWA, PEL)	See MSDS
pH	Neutral
Solubility in H ₂ O	Slight
Percent Volatile	100%

Health, Safety & Environmental Data

Flammability	Nonflammable
Flashpoint (TCC)	None
NFPA	Health: 3; Fire: 1; Reactivity: 0
Ozone Impact	Zero
REACH & ELINCS Compliant (See MSDS)	Yes
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

Packaging

TravelSAFE™ Triton™ 3-way dispensing mini-pump
3 oz. / 85 g MCC-POC03M
(Also available in bulk packaging)
National Stock Number Pending

Packaged in cases of twelve (12) mini-cans per box. Unlimited shelf life. 12-month warranty. This cleaner has been tested on a wide variety of ceramics, epoxies, glass, metals, plastics and elastomers. No compatibility problems were found. FiberCare solvents are nonflammable, noncorrosive and nonpressurized. They can be shipped inexpensively, without hazmat fees, even by express freight.

More information about these products and instructions for their use are available on-line at www.MicroCare.com.

Related Products

In conjunction with this cleaner, MicroCare recommends the *FiberWipes™* (#MCC-WFW) which are lint-free wipes in a tool-kit-sized mini-tub, optimized for cleaning optical components. The *XMT Cleaning Sticks* (#MCC-XMT) are ideal for cleaning lenses within recessed fixtures. See the Product Specifications for details.

The *Fiber Connector Cleaner* (#MCC-FCC03M) is a stronger, fast-drying alternative for alcohol. The *Fiber Prep Fluid* (#MCC-PFP03M) is a high performance solvent for splicing and termination, and for cleaning fiber optic connector end-faces.

Product Notes

AVAILABILITY. This product is available from MicroCare distributors world-wide. Contact your local distributor at www.MicroCare.com for details.

TRADEMARKS: The Fiber Connector Cleaner is protected under US patent #6,951,835. The cleaning sticks are protected under US patent #7,401,374. The FiberAide™ wipe and the Triton™ dispensing cap are both patent pending. The terms "Triton," "FiberWipe", "Drop-n-Stop", "FiberAide" and "FiberCare" plus the FiberCare logo are all trademarks of MicroCare Corp. The MicroCare name and logo are registered trademarks of MicroCare Corp.

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About the Product

This optical-grade solvent is double-filtered to the highest purity, so it delivers consistent and reliable cleaning. It is safe on glass, plastics, ceramics, metals, adhesives, electronics, cured epoxy surfaces and all tested optical coatings. It's ideal on optical components such as lenses, mirrors, diffraction gratings and prisms, as well as LCD displays, hand-held equipment and even cell phones and PDAs. It easily dissolves and removes fingerprints, light oils and surface films. In addition, it dissipates the static bonds that "lock" particulate to precision surfaces, making it easy to remove insoluble particulate, dust and fibers.

The hermetically-sealed container uses the unique Triton™ 3-way dispensing system, the most versatile packaging system in the industry. Each spill-proof, sealed canister prevents refilling, leaking and cross-contamination, ensuring clean solvent every time. The canister is "TravelSAFE™" — that is, the pump spray can be shipped, even by air, without hazmat hassles. With over 400 fast and reliable cleanings per canister, Precision Optical Cleaner is the safest and most cost-effective optical solvent.



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FiberAide™

Single-Use Fiber Optic Connector Wipe for OEM Installs and OSP Environments



- High-Purity Lint-free Wipe
- Hermetically-Sealed so It's Clean Until Used
- Convenient, Single-Use, Pocket-Sized Wipe
- Cleans Both Simplex and Duplex Connectors
- Easy-to-Understand Instructions Minimize Training
- Unique Design — Patent Pending

Packaging

50 packets/bag; 12 bags/case

MCC-FA1

National Stock Number

Pending

This product has an unlimited shelf-life.

Related Products

Or either the **Fiber Preparation Fluid** (#MCC-FPF03M) or the **Fiber Connector Cleaner** solvent (#MCC-FCC03M). The **Fiber Prep Fluid** is a nonhazardous alcohol replacement for cleaning bare fiber or connector end-faces. The **Fiber Connector Cleaner** is a faster-drying solvent optimized for cleaning inside connector alignment sleeves.

The **Precision Optical Cleaner** (#MCC-POC03M) is a non-hazardous replacement for alcohol and acetone, which is safe on plastic optical fiber, other soft plastics and most optical coatings. It is an excellent general-purpose cleaner to use with the FiberAide product.

A different wiping choice would be the **FiberWipes** (#MCC-WFW) for cleaning optics, bare fiber, and connector end-faces. This tool-kit-sized replacement for any wiping tool or connector cleaner is packaged in a convenient and economical mini-tub. There also are the larger #MCC-WF44 wipes and the unique FiberAide wipes that are sealed inside a single-use package.

For cleaning inside alignment sleeves on connectors, the **FiberCare™ Connector Cleaning Sticks** (part numbers below) are an excellent choice. Sizes are available to clean virtually any connector. Available sizes are: for 2.5mm connectors use #MCC-S25; for 1.6 and/or 2.0mm connectors use #MCC-S16; for 1.25mm connectors use #MCC-S12; for MPO, SMA and biconic connectors use #MCC-XMT, and for exposed cylindrical connectors use #MCC-P25.

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General Information

FiberAide™ wipes are designed for two critical cleaning applications: (a) the one-time cleaning required during the installation of fiber optic cables, accessories or components, or (b) the installation, maintenance and repair of fiber networks in harsh environments. Each lint-free wipe is in a hermetically-sealed, contamination-proof packet that is opened just before use, so cleaning is fast, efficient and cost-effective. This product is simple, reliable and easy-to-use, even for infrequent users.

About the Product

Engineered specifically for cleaning fiber optic connector end-faces, each FiberAide wipe is made from a field-proven, lint-free polyester fabric that resists linting and tearing, even on LC connector end-faces. The wipe itself contains no cellulose, glues or bleaches which might contaminate surfaces. The foil package protects user's hands from any solvents, eliminating the need for gloves or finger cots. Each wipe can clean up to six connector end-faces. Each package has a convenient "button-hole" so the wipes can be attached directly to cables, accessories or equipment. This enables OEM to ship these wipes with their components, thereby insuring only clean connectors will be inserted into their equipment. This improves customer satisfaction and decreases costly returns.

This product may be used with the **Fiber Preparation Fluid** (#MCC-FPF03M) or **Fiber Connector Cleaner** (#MCC-FCC03M) as replacements for alcohol. When dampened with either of these solvents, the FiberAide wipe provides convenient "wet & dry" cleaning which has been proven to deliver improved results over old-style solventless cleaning.



MicroCare has two nonflammable solvents which often are used with the FiberAide wipes. These are the **Fiber Connector Cleaner** (right) and the **Fiber Preparation Fluid** (not shown). Both solvents enable the "wet/dry" cleaning process which dissipates the static charges that accumulate on end-faces. This eliminates a source of contamination that degrades network performance. With about 400 cleanings per pump spray, both of these cleaners can be shipped by air without hazmat charges which saves money and eliminates shipping hassles.



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Fiber Optic Cleaning Kit

Everything for Cleaning Typical Connectors or Bare Fiber In One Convenient Package



General Information

The Fiber Optic Cleaning Kit from MicroCare is a sturdy tool bag that contains virtually everything a technician needs for either cleaning bare fiber before fusion splicing or field termination, and for cleaning connectors end-faces. The kit and the contents have been developed to solve quickly and cost-effectively the problems field personnel have trying to clean fiber optic networks.

About the Product

- The dual-zipper bag speedily opens and closes, making it easy to handle, even with just one hand
- The bag is the perfect size, so it holds enough supplies to do the job without being cumbersome or bulky
- Two generous side-pockets allow additional wipes, cleaning sticks, or other tools, like strippers and scissors, to be stored with the kit
- Side-mounted handles make the kit easy to transport
- Features proprietary, nonflammable TravelSAFE™ solvents so the Kit can be shipped, even by air, without extra fees for hazardous materials or extra paperwork
- Inside the Kit, elastic bands are sewn into the side walls to securely hold the TravelSAFE™ containers
- Plastic window displays owner identification in case the kit is lost
- This base kit has room inside it for additional cleaning sticks, so end-users can customize it for any particular project or installation.

- Contains the Most Popular Items for Cleaning the Most Common Connectors
- Features Nonflammable TravelSAFE™ Solvents with Triton™ 3-Way Nozzle
- Fast and Easy Cleaning Makes This Kit the Techs' Favorite Toolbag
- Large Pockets for Holding Other Tools, Meters or Extra Supplies

Technical Details

Each kit consists of one heavy-duty, weather-resistant, soft-sided, flat-sided, woven polyester bag with a zipper closure. The bag itself is 9" wide x 5" deep x 5" tall (approx. 20cm x 12cm x 12cm). Each kit contains the following components:

- Solvents: 1 can, Fiber Prep Fluid (#MCC-FPF03M)
1 can, Fiber Connector Cleaner (#MCC-FCC03M)
- Lint-Free Wipes: 2 "mini-tubs" of FiberWipes, 180 total (#MCC-WFW)
. 25 FiberAide Wipes (#MCC-FA1)
- Cleaning Sticks: Five packages of cleaning sticks:
2 packs of ten #MCC-S12 sticks for 1.2mm connectors
3 packs of ten #MCC-S25 sticks for 2.5mm connectors

NOTE: MicroCare has designed this Kit with substantial extra space in the Kit for additional cleaning sticks, which can be added and refreshed by each customer as individual needs require. In addition, there is room for extra tools, aerosol cleaners, other types of wipes, small testing devices and many of the various tools needed in the field.

Packaging & Part Numbers

MCC-FK01 1 Each Kit 6 Kits Per Case
The shelf life for all of the products in the Kit is unlimited.

Product Notes

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Specifications are subject to change without notice.

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