

2010 Catalog



**Fiber Optic
Cleaning
Products**



Cleaning Jumpers and Cleaning Before Splicing

These are the cleaning tools you need to get clean jumpers and strong splices. These new Sticklers™ fiber optic cleaners make it easy, convenient and affordable to clean properly, avoiding costly repair visits. Here's how...

- Use the cleaning fluid and the Sticklers™ Benchtop CleanWipes™ together in workshops and on trucks for the fastest, lowest-cost cleaning. In harsh environments, use the cleaning fluid and the Sticklers™ Outdoor CleanWipes™.
- These are the only fiber optic cleaning products engineered to operate as a system, working together to deliver superior results on single-strand and ribbon fiber, single-mode or multi-mode, on jumpers and before fusion splicing or termination
- Safe on all materials: plastic fiber optic cable, lasers, lenses, prisms, diffraction gratings, mirrors, microscopes, LCD displays, and flat screens
- Strong cleaning. Fast-drying, for speedy cleaning without “coffee rings”
- The fiber “squeaks” when the fiber is clean, just like with alcohol
- Static dissipative. Eliminates the “static bonds” that lock particulate onto end-faces — perfect for “Wet/Dry” cleaning.
- Nonflammable for maximum safety and easy shipping — not hazardous; can even be carried on commercial aircraft. Unlimited shelf-life
- Hermetically sealed and easy to use, with the spill-proof Triton™ dispenser
- The cleaning fluid is compatible with all stick, cartridge and cube cleaning tools
- Clean for pennies! More than 400+ cleanings in each can



Cleaning End-Faces Inside Alignment Sleeves

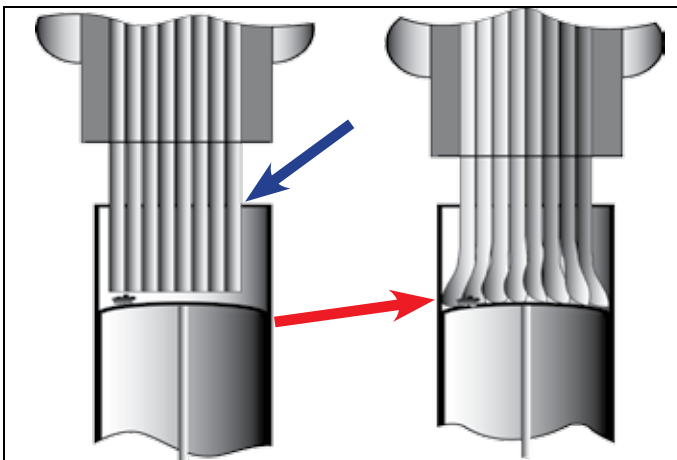
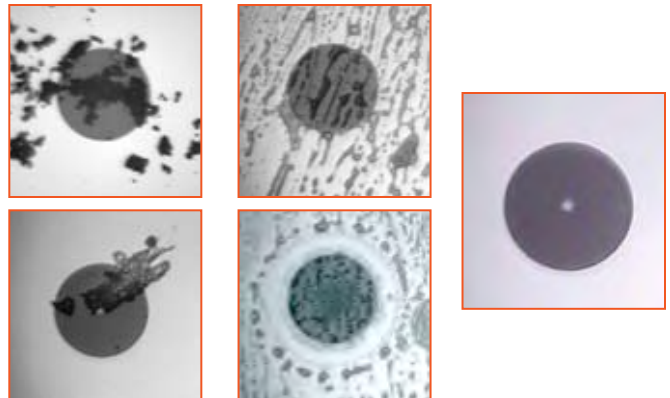
Sticklers™ CleanStixx™ deliver convenient, reliable cleaning in seconds, even inside connectors. They are engineered to work as a system with the Sticklers™ cleaning fluid. Together, these cleaning tools will clean end-faces more thoroughly than any other option. With five sizes, CleanStixx™ can clean any connector or configuration.

- Ultra-clean construction — no foam or fabric
- Molded, for precise size and shape, for better cleaning
- Color-coded packaging for easy selection
- Packaged in high-purity, self-sealing bags
- No glues to contaminate end-faces
- The only cleaning sticks that can clean any connector, any size, any configuration, anywhere



Always Dampen CleanStixx™ with the Sticklers™ Fiber Optic Splice and Connector Cleaner

These microphotographs illustrate the problem of cleaning inside alignment sleeves. Top-left: an end-face with particulate completely blocks the light; top-right: finger print oils; bottom-left: fiber from clothing; bottom-right: a clean connector contaminated by mating with a dirty connector. Far right: a clean connector transmits the light perfectly.



How CleanStixx™ Work

CleanStixx™ out-perform the other cleaning swabs and “clicker” cleaning tools. The CleanStixx™ tips are made from tightly-compressed fibers. When cleaning, the fibers flex and conform to the end-face, and spin off-center, improving cleaning (blue arrow). The fibers spread apart and grip dirt, just as a radial tire grips the road (red arrow). Capillary action also wicks oils from the surface.

Competing cloth swabs have a rigid center post. The cleaning pressure is on the very point of the swab, not across the whole end-face. The tip doesn't conform to angled surfaces.

Foam swabs tend to have inconsistent shapes and dimensions, cleaning the sides of the alignment sleeve better than the end-face. Clicker-style cleaning tools generally clean only the contact area, not the whole end-face.

Drawing not to scale.

STICKLERS™ Fiber Optic Cleaning Products



Sticklers™ Product Details

Fiber Optic Splice and Connector Cleaner #MCC-POC03M
3 oz. / 85 g TravelSAFE™ Mini-Pump, Triton™ dispensing top. 12 cans/case.
Unlimited shelf-life.

Sticklers™ Benchtop CleanWipes™ #MCC-WFW
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). 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. Unlimited shelf life. National Stock Number #7920-01-547-6547

Sticklers™ Outdoor CleanWipes™ #MCC-FA1
50 packets/bag; 12 bags/case. Unlimited shelf-life.

Sticklers™ CleanStixx™
Notes: There is one "head" or tip on each stick. Packaged in color-coded bags of ten sticks; five bags in each package, 50 sticks per package total. Six boxes per case. The cleaning sticks are protected under US patent #7,401,374.

2.5mm connector cleaning stick (blue label) #MCC-S25
Fits SC, ST, FC, ASC, AFC, etc.
National Stock Number #6070-01-553-2263

2.0mm & 1.6mm connector cleaning stick (orange) #MCC-S16
Fits MIL-C-28876, MIL-C-38999, D4, MT-RJ
National Stock Number #6070-01-553-2262

1.25mm connector cleaning stick (green label) #MCC-S12
Fits LC, MU NSN Number #6070-01-553-2267

Larger connectors and lenses (pink label) #MCC-XMT
Fits SMA, MTP (with or without pins), Biconic; also for cleaning lenses within recessed fixtures

Cleaning stick, for all exposed termini smaller than 2.5mm, and cylindrical ferrules (yellow label) #MCC-P25
NSN Number #6070-01-553-2258

Combo pack of all five types of cleaning sticks #MCC-VM
Ten sticks of each type; the best for users with both military and commercial customers

Combo pack of the twenty S25 sticks #MCC-VS
Ten S12, and twenty P25

Sticklers™ Fiber Optic Cleaning Kit #MCC-FK01
Each kit contains two cans of Fiber Optic Splice & Connector Cleaner (#MCC-POC03M), two "mini-tubs" of Benchtop CleanWipes (#MCC-WFW), one packet of 25 Outdoor Wipes (#MCC-FA1), two packs of the #MCC-S12 CleanStixx™ and three packages of the #MCC-S25 CleanStixx™, plus the high-power LED inspection flashlight

Sticklers™ Fiber Optic Cleaning Kit

- Everything you need for cleaning bare fiber or connector end-faces
- The ideal size: 9" wide x 5" deep x 5" tall (approx. 20cm x 12cm x 12cm), so it holds sufficient supplies without being cumbersome
- Two side-pockets for additional tools
- Can be shipped anywhere, even by air, without hazmat fees or paperwork.

Sticklers™ from MicroCare

MicroCare is a leader in the high-speed, high-performance world of cleaning, coating and lubricating. With products for industries as diverse as electronics, transportation, photonics, medical devices and aerospace, MicroCare can be your catalyst for profits and productivity.

MicroCare



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