



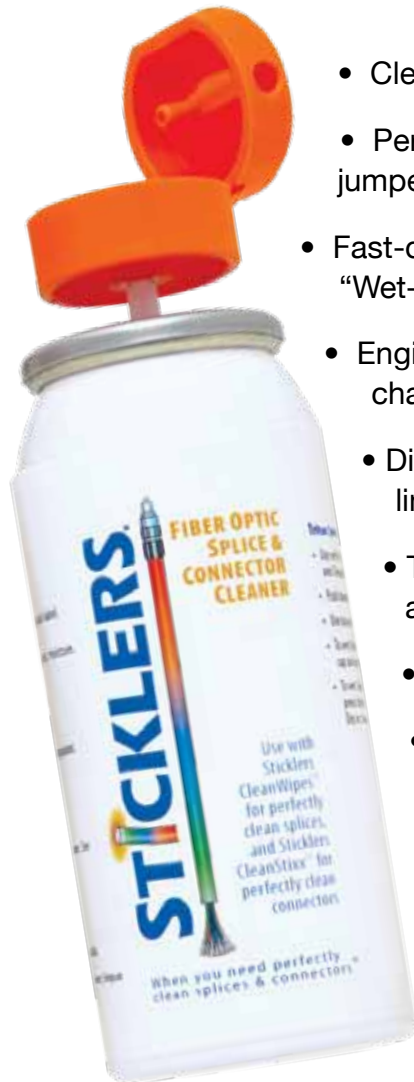
**Discover Sticklers®—  
Perfectly Clean,  
Perfectly Fast,  
Perfectly Reliable  
Fiber Optic Networks**



*When You Need Perfectly Clean Fiber Splices and Connectors\**

# Sticklers® Cleaning Fluid

## Fast & Convenient “Wet-Dry” Cleaning



- Clean for pennies: 400+ cleanings per can
- Perfect on all fiber: single-mode, multi-mode, jumpers and patch cords, or before splicing
- Fast-drying, which means fast and convenient “Wet-Dry” cleaning for the best results
- Engineered to have the optimal chemical characteristics for the best possible cleaning
- Dissipates static, for instant cleaning of lint, fibers, dust and other particulate
- The Cleaning Fluid is 99%+ pure, so there are no residues on end-faces
- The fiber squeaks when it is clean
- Nonflammable, nonhazardous, spill-proof
- Compatible with all stick, cartridge and paper cleaning tools
- Unlike alcohol, the Cleaning Fluid can be shipped by air, or even carried on commercial flights, without hazmat fees or paperwork



### Why Not IPA Alcohol?

The Sticklers® cleaning fluid out-cleans ordinary alcohol (“IPA”) because of the unique Sticklers® chemistry and ultra-pure Sticklers® packaging:

- Ordinary alcohol usually is 70% pure — so it’s 30% possible contamination. What’s in that 30% can cause many problems for fiber end-faces
- Alcohol also is slow-drying, so it gets trapped inside connectors and leaves stains on the end-faces
- Alcohol can’t easily remove particulate and it can’t easily clean in tight spaces and micro-cracks
- Alcohol is “hygroscopic” and attracts water out of the air, diluting the solvent’s strength, trapping residues that were in the water, and making cleaning harder
- Normal IPA comes in consumer-grade packaging, which is insufficiently clean and prone to spills
- IPA is flammable and hazardous and cannot easily be shipped by air, but the Sticklers® cleaning fluid is nonflammable, nonhazardous and can even be carried through airport security



# Sticklers® CleanWipes™

## These Wipes Make “Wet-Dry” Cleaning Easy



### CleanWipes™ 90

Contains 90 Cleanings

- For cleaning connectors, or bare fiber before splicing
- Far stronger and cleaner than cellulose wipes
- No glues, bleach or lint to contaminate
- Makes “Wet/Dry” cleaning easy



### CleanWipes™ 400

Contains 400 Cleanings

- Exclusive, high-modulus CleanWipes™ material won't rip, tear, shred or lint
- Soft — won't scratch end-faces
- Color-coded CleanSlots™ avoids cleaning on already-used wipes
- Avoids time-wasting re-cleaning



### CleanWipes™ Singles

Contains 1 Cleaning

- Each CleanWipe™ Single stays clean and dry until the packet is opened
- Designed for use in harsh environments
- Fits in tool kits and pockets
- Used by U.S. Army



### CleanWipes™ 3200

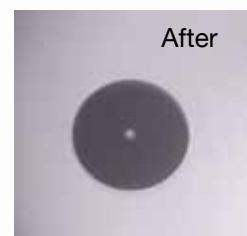
Contains 3,200 Cleanings

- Same functionality as the CleanWipes™ 400, but eight times more capacity
- Longer CleanSlots™ for even better cleaning
- Perfect for high-volume, high-speed cleaning at OEMs

### “Wet-Dry” Cleaning Is Crucial

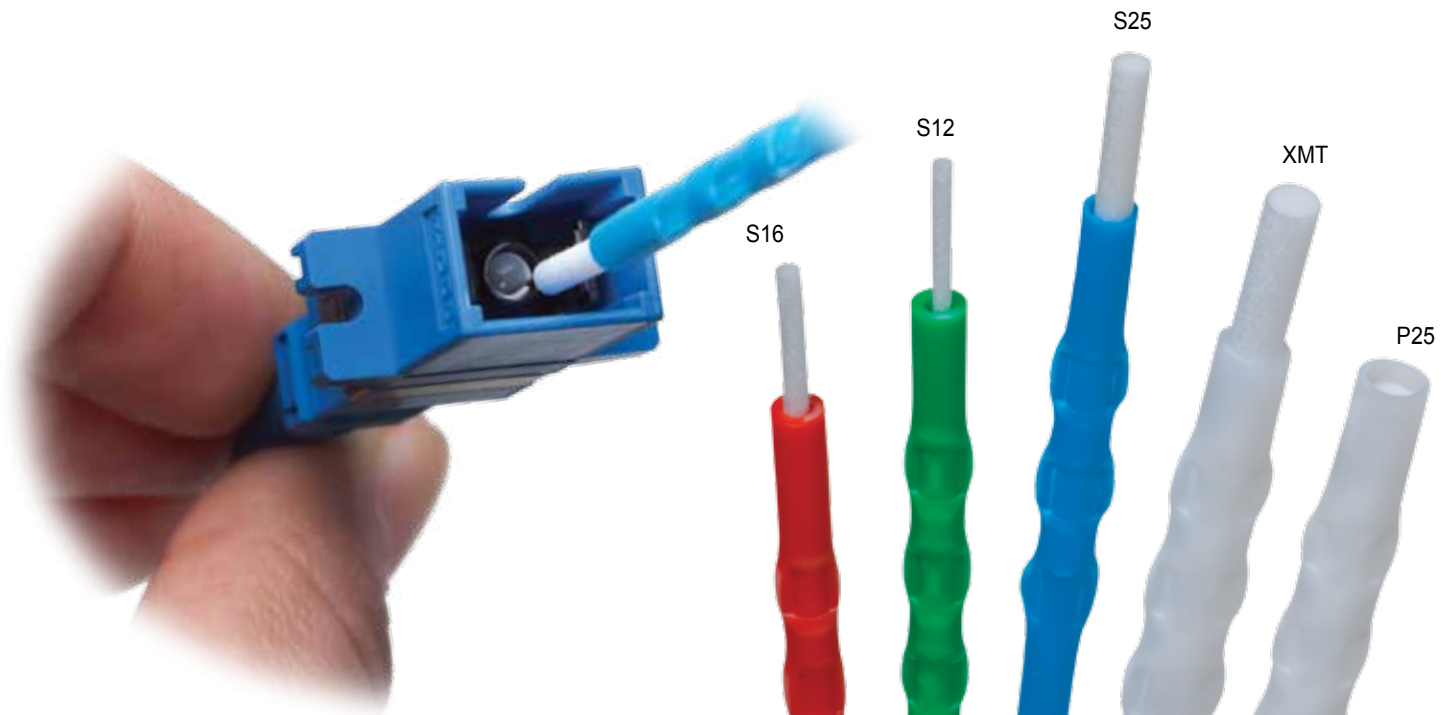
Dust on end-faces degrades a network by blocking the light (insertion loss) or by keeping the two end-faces from fitting tightly together (back reflection):

- A static charge on an end-face attracts airborne particulate onto the end-face
- The charge was generated simply by rubbing an end-face with a dry wipe, turning each end-face into a tiny magnet
- The dust was attracted to the very tip of the end-face, where the fiber is
- The phenomenon happens in as little as 30 seconds
- Cleaning with a static-dissipative fluid eliminated the static and the dust did not migrate
- Only the Sticklers® fiber optic cleaners have been engineered to make wet-dry cleaning of fiber networks fast, easy, consistent and affordable

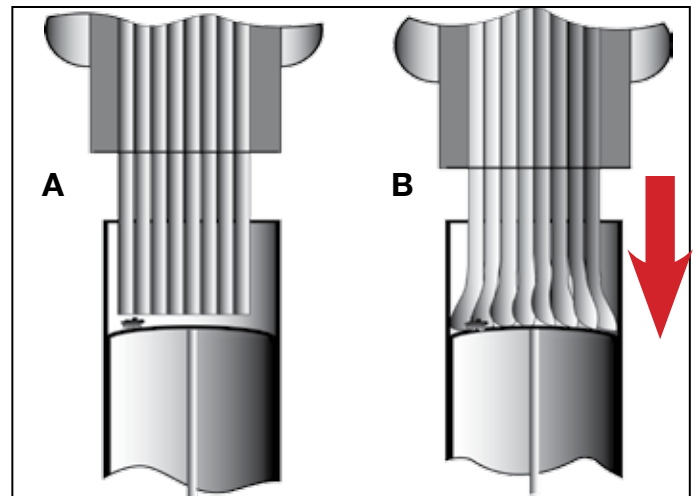


# Sticklers® CleanStixx™

## Fast, Simple “Wet-Dry” Port Cleaning



- Only Sticklers® CleanStixx™ fiber optic swabs can clean any connector, any size, any configuration, anywhere
- The extra-long S16 CleanStixx™ is the only fiber optic cleaning tool that can clean inside MIL-C-38999 connectors with their adapters in place, saving time and money
- Only CleanStixx™ clean the entire end-face, not just the central core
- CleanStixx™ make “Wet-Dry” cleaning fast and easy with the Sticklers® Cleaning Fluid
- CleanStixx™ use ultra-pure construction — no fabric, foam, glues or particulate
- CleanStixx™ are color-coded for easy recognition
- CleanStixx™ are packaged in high-purity, self-sealing bags so they stay perfectly clean until needed



The head on each Sticklers® Cleanstixx™ is a bundle of fibers, slightly more narrow than the alignment sleeve (A). Under pressure, the fibers flex and easily conform to the endface. The fibers also spread apart and grip particulate, just as a radialtire gripstheroad (B). Capillaryactionwickslquidsfromthesurface. Together, thesetwo processes deliver fast, consistent cleaning results time after time. Most competing swabs have a rigid center post beneath a softer cover, so all the cleaning pressure is on the very point of the swab, and the tip can't conform to clean the entire connector surface. They also tend to have inconsistent shapes and dimensions, cleaning the sides of the alignment sleeve better than the end-face. Drawing not to scale.

# Sticklers® Starter Kit

## Put It All Together for Perfect Cleaning



**Put a Kit on  
Every Truck  
and In  
Every Lab!**

- 800+ “Wet-Dry” cleanings per kit, for the best possible results
- Everything a tech needs for fast, convenient, reliable cleaning  
(Note: Photo above does not show all the contents; see back cover for exact details)
- Cleans in seconds, for just pennies per cleaning
- Bright orange canvas bag is easy to find, even in trucks, connector closets or busy labs
- Extra pockets for tools, inspection scopes, strippers
- Ship anywhere, any way, including by air, without hazmat fees
- Now also available in a Military-Ready version

# Sticklers® Product Details

Sticklers® Fiber Optic Starter Kit	MCC-FK03	800 Cleans/Kit	6 Kits/Case
Each kit includes two cans of cleaning fluid, one CleanWipes™ 90 for the bench top, one CleanWipes™ 400, 25 CleanWipes™ Singles for harsh environments, 30 CleanStixx™ S25 and 20 CleanStixx™ S12, and a high-brilliance LED inspection flashlight.			
Sticklers® Military-Ready Starter Kit	MCC-FK05	800 Cleans/Kit	6 Kits/Case
Each kit includes two cans of cleaning fluid, one CleanWipes™ 90 for the bench top, one CleanWipes™ 400, 25 CleanWipes™ Singles for harsh environments, and ten of each type of CleanStixx™ swab, all in a low visibility black canvas bag.			
Sticklers® Fiber Splice & Connector Cleaner	MCC-POC03M	400+ Cleans/Can	12 Cans/Box
NATO Stock Number #6850-99-3285073			
Sticklers® CleanWipes™ 3200	MCC-WCS800	3,200+ Cleans/Box	4 Boxes/Case
Sticklers® CleanWipes™ 400	MCC-WCS100	400+ Cleans/Box	12 Boxes/Case
Sticklers® CleanWipes™ 90	MCC-WFW	90+ Wipes/Minitub	24 Minitubs/Case
National Stock Number #7920-01-547-6547			
Sticklers® CleanWipes™ Singles	MCC-FA1	50 Packets/Bag	12 Bags/Case
NATO Stock Number #6850-99-2261214			
Sticklers® CleanStixx™ Fiber Connector Cleaning Swabs			
Packaged in color-coded bags of ten sticks; five bags/box, six boxes per case. Note: There is one "head" on each CleanStixx™ swab.			
2.5mm connectors (blue label)	MCC-S25	50 Cleans/Box	6 Boxes/Case
Fits SC, SCA, ST, FC, ASC, AFC, etc. National Stock Number #6070-01-553-2263			
2.0mm & 1.6mm connectors (orange)	MCC-S16	50 Cleans/Box	6 Boxes/Case
Extra long tip to fit MIL-C-38999 connectors with Glenair adapter. Also fits MIL-C-28876, D4, MT-RJ. NSN #6070-01-553-2262			
1.25mm connectors (green)	MCC-S12	50 Cleans/Box	6 Boxes/Case
Fits LC, MU, etc. National Stock Number #6070-01-553-2267			
CleanStixx™ for larger connectors, lenses (pink)	MCC-XMT	50 Cleans/Box	6 Boxes/Case
Fits SMA, MTP (with or without pins), biconic; also for cleaning lenses within recessed fixtures			
CleanStixx™ for all exposed termini (yellow)	MCC-P25	50 Cleans/Box	6 Boxes/Case
Fits 2.5mm jumpers, cylindrical ferrules and SMA 095 AIR connectors. National Stock Number #6070-01-553-2258			
Sticklers® CleanStixx™ Combination Packages			
Combo pack for military applications	MCC-VM	50 Cleans/Box	6 Boxes/Case
Ten CleanStixx™ of each type; the best for users with both military and commercial customers			
Combo pack for commercial applications	MCC-VS	50 Cleans/Box	6 Boxes/Case
Twenty S12 CleanStixx™, twenty S25 CleanStixx™ and ten P25 CleanStixx™			

## Product Notes

INSTRUCTIONS: See the back panel on each box for detailed instructions. SHIPPING: All Sticklers® products can be shipped by air, without hazmat fees or paperwork. SHELF LIFE: The shelf life for all Sticklers® products is unlimited. WARRANTY: The warranty for all Sticklers® products is twelve months. TRADEMARKS: The term "Sticklers" and the Sticklers® logo are registered trademarks of MicroCare Corp. The terms "CleanStixx", "CleanWipes", "CleanSlots", "TravelSAFE", and "Triton" are trademarks of MicroCare Corp. US patents #7,401,374; #7,685,668 and #7,784,647 allowed. Additional patents applied for and pending. DISCLAIMER: The information set forth herein is based on data believed to be reliable, but MicroCare makes no warranties express or implied as to its accuracy and assumes no liability arising out of its use by others. This publication is not to be taken as a license to operate under, nor to infringe upon, any patents not herein expressly described.



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