

CCT FOCCUS Fiber Optic Cleaning Kit

Product# CFK1016E

Product Description

In the **CCT FOCCUS Fiber Optic Cleaning Kit**, Chemtronics has included only the necessary cleaning supplies for making a successful 1.25mm and 2.5mm fiber optic connection. The Kit contains a Fiber-Wash AQ Cleaning Pens and a QbE2 Cleaning Platform to perform the Combination Cleaning process.

Fiber-Wash Pens are a non-flammable, water-based cleaning solution that quickly and safely cleans the end face of fiber optic connectors. It also dissipates static charge, which prevents attracting airborne contamination that cling to the end face surfacing. For the best results, use with the **QbE2 Cleaning Platform** and the **Combination Cleaning Process**.

CCT Tools are the easy to use cleaning tool for fast and reliable end face cleaning. The CCTs use a mechanism that advances fabric over a cleaning tip with just a short and precise push and click of the tool. Using the CCT in combination with the Fiber-Wash AQ Cleaning Pen provides for fast, easy and repeatable Combination Cleaning.

QbE2 Product Data and Physical Properties

QbE2 wipes are 100% non-contaminating material. These wipes have high absorbency and contamination entrapment capacity, as well as high wet strength

- Excellent solvent resistance
- Excellent particle entrapment
- High absorbency capacity and rate
- Very low solvent extractables
- High wet strength

QbE2 Wipes Compatibility

QbE2 wipes are generally compatible with most common solvents such as isopropyl alcohol, methanol and ketones such as acetone or methyl ethyl ketone. These wipes are generally compatible with dilute or weak acids.



Fiber-Wash AQ Precision Cleaner Pen Product Data and Physical Properties

Appearance:	Clear, colorless liquid
Odor:	Mild
Solubility in Water:	100%
Specific Gravity: (water=1 @ 25°C)	0,98 @ 23.9°C
Evaporation Rate: (butyl acetate = 1)	>1
Boiling Point:	>93°C
Flash Point (TCC):	None
Karui-Butanol (KB) Number	28
VOC* Content:	
CARB	7%
SCAQMD	85 g/L
Federal	7%
Shelf life	2 years
RoHS Compliant	Yes

*ODP, HCFC-225, Chlorinated Solvent, VOC, HFC, and nPB percentages shown are the content by weight. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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Compatibility

Fiber-Wash AQ precision cleaning pens are compatible with most materials used in telecommunications. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

Material	Compatibility
ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
Kynar™	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Noryl®	Excellent
Nylon 66™	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Excellent
PVC	Excellent
Silicone Rubber	Excellent
Teflon	Excellent
Viton	Excellent

Fiber-Wash AQ Liquid Environmental Impact Data

ODP	0%
HCFC 225	0%
HFC	0%
CL Solv.	0%
nPB	0%

*ODP, HCFC-225, Chlorinated solvent, VOC, HFC, and nPB percentages shown are the content by weight.



Availability

CCT FOCCUS Cleaning Kit contains:

- CCT-125** (1) 1.25mm Clear Connection Tool
- CCT-250** (1) 2.5mm Clear Connection Tool
- QbE2** (2) Cleaning Platform (200 sheets) Up to 400 connector cleans per platform
- FW2190** (2) Fiber-Wash AQ Precision Fiber Optic Pens
- 6704F** (1) Lint-Free Precision Wipes (100 10cm x 10cm wipes)
Rugged Bag

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Combination Cleaning with the QbE

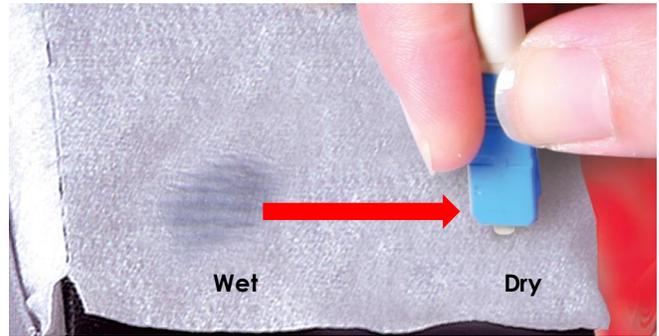
- Pull one QbE Wipe over the fiber-safe Neoprene foam platen.
- Hold pen vertically and depress tip. Apply a small amount (1" diameter) of Fiberwash onto the wipe.
- Hold the end face at a 90-degree perpendicular to the platen.
- Guide the end face lightly from the solvent wetted area to the dry area over the platen, using a smooth linear motion - do not press too hard.
- Do not retrace your cleaning procedure in the same area.
- Do not use a figure-eight motion; do not use a "twist & turn" motion.
- Check your work with a fiber inspection probe or measuring device.

For Splice Preparation

- Lightly moisten QbE wipe and gently wipe away fiber contaminants.
- Lightly dampen swab, remove soil from V-grooves on fusion splicer.

Buffer Gel Removal

- Pull three single QbE Wipers out of the container.
- Spray a small amount of Fiberwash AQ into the folded wipers.
- Pull the cable through the first wiper and discard.
- Repeat until the cable "squeaks" clean.



Combination Cleaning Process

Combination Cleaning process with CCT Clear Connection Kit

Dampen the CCT fabric tip with the AQ pen, insert the CCT tip into the connector, and push in the tool advancing the fabric from wet-to-dry, perfectly cleaning the end-face.

Combination Cleaning™ eliminates all debris and contamination the first time, avoiding expensive rework and truck-rolls from bad connections.



Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is 1-800-TECH-401.

Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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