

# CHEMTRONICS<sup>®</sup>

## Technical Data Sheet

TDS # QbE-2

### QbE<sup>®</sup>-2 Cleaning System

#### PRODUCT DESCRIPTION

QbE<sup>®</sup>-2 is the second generation patented Precision Wipe System for cleaning fiber optic end-faces. It is a self-contained cleaning tool that can be used dry. However it is designed to be used in a wet-to-dry manner and gives nearly universal soil removal when used wet-to-dry with the proper solvents. The QbE<sup>®</sup>-2 is convenient and economical for use in field or OEM applications.

- The Complete Fiber Optic Cleaning System
- Platen side of box provides surface for cleaning
- Beneficial dry cleaning
- Universally effective when used wet-to-dry cleaning
- Provides an ideal cleaning system for field or OEM applications
- Convenient Size - Portable system easily fits in tool cases, work pants pockets and on work benches
- Heavy Duty Lint-Free wiping material tough-enough to remove buffer-gel; soft enough for all end face cleaning
- Wipe material won't shred or tear
- Can be clipped to tool belt for convenient access
- Weather-proof
- Remaining wipes are clearly visible

#### TYPICAL APPLICATIONS

QbE<sup>®</sup>-2 wipes are used in Fiber Optic and Telecommunications applications for:

- End-Face Connector Cleaning
- Splice Preparation
- Buffer Gel Removal

Use with Electro-Wash<sup>®</sup> PX (ES810), Electro-Wash<sup>®</sup> MX Pen (FW2150) and Fiber-Wash<sup>™</sup> (FW2190).

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

QbE<sup>®</sup> wipes are 100% noncontaminating 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

#### COMPATIBILITY

QbE<sup>®</sup>-2 wipes are compatible with most common solvents such as alcohols, hydrocarbons and chlorinated solvents. The wipes are also generally compatible with dilute or weak acids.

#### TECHNICAL AND APPLICATION ASSISTANCE

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

Visit us at

[www.combinationcleaning.com](http://www.combinationcleaning.com), or  
[www.chemtronics.com](http://www.chemtronics.com)

## AVAILABILITY

QbE<sup>®</sup>-2 Wipes 3" x 1½" 200/Box

## USAGE INSTRUCTIONS

### Dry Cleaning with the QbE<sup>®</sup>-2

1. Pull one QbE<sup>®</sup>-2 Wipe over the fiber-safe foam platen.
2. Hold the end face at a 90 degree perpendicular to the platen.
3. Draw the end face lightly over the platen in a smooth linear motion - do not press too hard.
4. Do not retrace your cleaning procedure in the same area.
5. Do not use a figure-eight motion; do not use a "twist & turn" motion.
6. Check your work with a fiber scope or measuring device.

### Wet-to-Dry Cleaning with the QbE<sup>®</sup>-2

1. Apply a nickel-sized spot to one end of the QbE<sup>®</sup>-2 wipe on the platen with Electro-Wash<sup>®</sup>PX Fiber Optic Cleaner, Electro-Wash<sup>®</sup> MX Pen (FW2150) and Fiber-Wash<sup>™</sup> (FW2190).
2. Draw the end-face from the solvent spot to the dry area; wet-to-dry.
3. For best results repeat once or twice.
4. Check your work with a fiber scope or measuring device.

### For Splice Preparation

1. Lightly moisten QbE<sup>®</sup>-2wipe and gently wipe away fiber contaminants.
2. Lightly dampen a 38540ESD swab, remove soil from V-grooves on fusion splicer.

## Buffer Gel Removal

1. Pull three single QbE<sup>®</sup>-2 Wipers out of the container.
2. Spray a small amount of Electro-Wash<sup>®</sup> PX Fiber Optic Cleaner into the folded wipers.
3. Pull the cable through the first wiper and discard.
4. Repeat until the cable "squeaks" clean.



## MANUFACTURED BY:

ITW CHEMTRONICS<sup>®</sup>  
8125 Cobb Center Drive  
Kennesaw, GA 30152

1-770-424-4888 REV. A (04/13)

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