

# ITW Chemtronics® Technical Data Sheet

TDS # pQbE

## pQbE® Pocket Cleaning System

### PRODUCT DESCRIPTION

pQbE® is the patented Precision Wipe System for cleaning fiber optic end-faces. It is a self-contained cleaning tool that is best used wet (with solvent) but can be used dry for light applications. The pQbE® is convenient and economical for use in field or OEM applications. Its compound cleaning platen surfaces facilitates cleaning of the end-face, chamfer and ferrule. The wipe material is a proven 55% cellulose/45% polyester fabric specially processed to impart softness and extra absorbency.

- The Complete Fiber Optic Cleaning System
- Compound platen surface cleans all end-face geometries: SC, LC, FC, APC, MT and FTTH
- Effective dry; very effective wet
- Provides an ideal cleaning system for field or OEM applications
- Convenient Size - Portable system easily fits into tool cases or pockets.
- 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
- Clear, tough waterproof box protects wipes from contamination and shows remaining wipe count.
- Clip-on lanyard ensures convenient access

### TYPICAL APPLICATIONS

pQbE® wipes are used in Fiber Optic and Telecommunications applications for:

- End-Face Connector Cleaning during construction, installation and maintenance
- Splice Preparation
- Buffer Gel Removal

### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

pQbE® wipes are 100% non-linting and non-contaminating material.

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

### COMPATIBILITY

QbE® 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. They are not intended for use at high temperatures (>300°F).

### 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**.

## AVAILABILITY

pQbE<sup>®</sup> Wipes 1.5" x 2.8" 200/Box

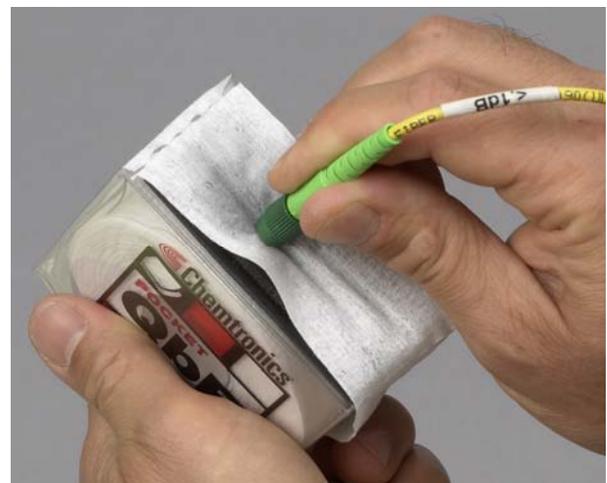
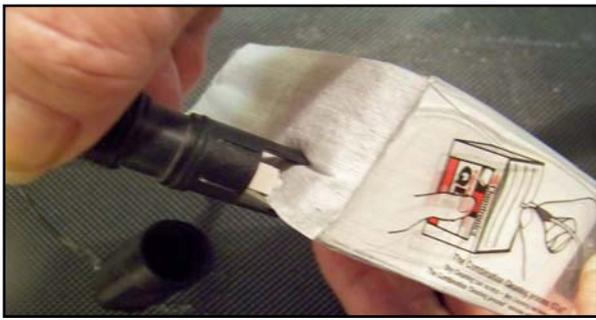
## USAGE INSTRUCTIONS

### Cleaning with the pQbE<sup>®</sup>

1. Pull one pQbE<sup>®</sup> Wipe over the fiber-safe compound foam platen.
2. Refer to the guide on the bottom of the pQbE<sup>®</sup> for the proper groove or ridge for the connector end face to be cleaned.
3. Lightly apply a coin-sized spot on one side of the pQbE<sup>®</sup> wipe on the platen with Electro-Wash<sup>®</sup> PX Fiber Optic Cleaner (ES810), Electro-Wash<sup>®</sup> MX Pen (FW2150) or FiberWash<sup>®</sup> (FW2190).
4. In the spot, hold the end face at a 90 degree perpendicular to the platen. Or for an APC connector find the proper angle.
5. While keeping the connector end face in the proper groove or on the proper ridge, draw the end face lightly over the platen in a smooth linear motion, from the wet spot to the dry area of the wipe - do not press too hard.
6. Do not retrace your cleaning procedure in the same path.
7. Do not use a figure-eight motion; do not use a "twist & turn" motion.
8. Check your work with a fiber scope or measuring device.

### For Splice Preparation

1. Lightly moisten a pQbE<sup>®</sup> wipe Electro-Wash<sup>®</sup> PX Fiber Optic Cleaner (ES810), Electro-Wash<sup>®</sup> MX Pen (FW2150) or FiberWash<sup>®</sup> (FW2190).
2. Gently wipe away fiber contaminants
3. Repeat until the cable "squeaks" clean



### MANUFACTURED BY:

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1-770-424-4888 REV. A (11/09)

**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. ITW Chemtronics<sup>®</sup> does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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