

CHEMTRONICS

Technical Data Sheet

TDS # QbE

QbE[®] Cleaning System

PRODUCT DESCRIPTION

The QbE[®] Cleaning Platforms are the patented Precision Wipe System for cleaning fiber optic end-faces. They are self-contained cleaning tools that can be used “dry” to “wet” for the most thorough end face cleaning possible. The QbE[®] is convenient and economical for use in field or OEM applications.

- Complete Fiber Optic Cleaning System – No refills to buy or investment in expensive mechanisms to maintain
- Effective “Wet” to “Dry” Connector Cleaning – The only cleaning system that gives both options: For “Wet” cleaning use Fiberwash[®] MX Fiber Optics Cleaner for tough soils, AQ for water-based contamination, or NF for fast drying, low VOC application
- Provides the Ideal Cleaning Surface – The QbE[®] cleaning platen is perfect for outside plant or OEM application
- Convenient Size – Portable cleaning system easily fits on work benches
- Heavy Duty Lint-Free Wiping Material – Tough enough to remove buffer-gel; soft enough for all end-face cleaning. Won’t shred or tear
- Patented - U. S Patent Number 6,865,770 and foreign patents

TYPICAL APPLICATIONS

QbE[®] wipes are used in Fiber Optic and Telecommunications applications for:

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

The QbE[®] Cleaning Platforms are available in four configurations:

QbE[®] Cleaning Platform

- 3" x 3" wipes, with 200 wipes per box and a flat cleaning platen;
- For connectors without alignment pins;
- Up to 800 cleaning per platform

QbE[®]-R Cleaning Platform 3" x 3" 200/Box,

- 3" x 3" wipes, with 200 wipes per box and a raised /ridged cleaning platform;
- Cleans all FTTx connector geometries, including SC/LC, MT-Type, OptiFit[®], and e2000 by cleaning the entire connector;
- Up to 800 cleaning per platform

QbE[®]-2 Cleaning Platform

- 1.375" x 3" wipes, with 200 wipes per box and a flat cleaning platen;
- For connectors without alignment pins;
- Up to 400 cleaning per platform

Pocket QbE[®] Cleaning Platform

- 1.375" x 3" wipes, with 200 wipes per box and a raised /ridged cleaning platform;
- Cleans all FTTx connector geometries, including SC/LC, MT-Type, OptiFit[®], and e2000 by cleaning the entire connector;
- Up to 400 cleaning per platform

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.

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

QbE® 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

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**.

Visit us at www.combinationcleaning.com, or www.chemtronics.com

USAGE INSTRUCTIONS

Combination Cleaning™ with the QbE®

1. Pull one QbE® 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 from the solvent wetted area to the dry area over the platen, using 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.

For Splice Preparation

1. Lightly moisten QbE® wipe 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® Wipers out of the container.
2. Spray a small amount of Electro-Wash® 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.



CHEMTRONICS

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