

Making it Easier to Get Your Products to Patients

Vertically Integrated Contract Manufacturing



QSEAL® Pre-Validated Stock Packaging

At Cretex Medical | QTS, we pride ourselves in making it easier for you to get your products to patients. With our QSEAL® pre-validated packaging products we leverage trusted and reliable medical device packaging designs to help you reduce unknown supply chain risks. Our stock packaging can cut an additional 10-16 weeks of packaging material lead time from the already accelerated QSEAL offering.



Includes:

- Validated 5-year shelf-life of sterile barriers
- Validated sterile barrier sealing
- All listed packaging materials
- Label printing
- Carton loading
- Routine packaging inspections/testing

Additional services available:

- Distribution simulation
- Device assembly/manufacture
- Device/component cleaning
- Sterilization management

Shelf-life validated for:

- Gamma, e-beam and x-ray radiation
- Ethylene oxide (EO/EtO) sterilization

All package configurations include:

- Tyvek lids for tray systems
- Shelf boxes
- Shipper boxes
- Label stock
 - Pouch and tray labels
 - Shelf box labels
 - Patient chart labels
 - Patient implant card stock



QSEAL® Pre-Validated Stock Packaging



Great For: Fasteners • Small Plates • Spinal Products • Bone Screws



QSEAL® Small Inner Tray

Barrier System	Single Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	2.7" x 1.6" x 4.7"
Max Part Sizing	2.25" x 1.0" x 0.75"

QSEAL® Small Outer Tray

Barrier System	Single Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	4.1" x 2.5" x 6.1"
Max Part Sizing	3.0" x 2.0" x 1.50"

QSEAL® Small Tray Set

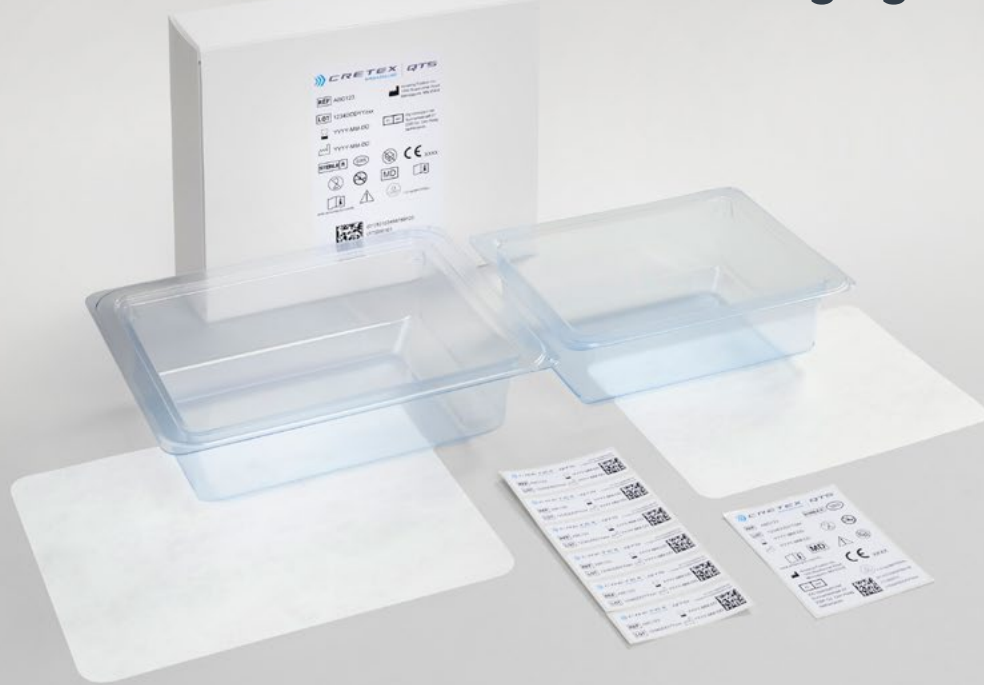
Barrier System	Single Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	4.1" x 2.5" x 6.1"
Max Part Sizing	2.25" x 1.0" x 0.75"

Tray systems are especially good for implants.

Additional Options:

An optional poly bag and/or TPU coin purse inside the tray contains the product and adds protection for the sterile barrier.

QSEAL® Pre-Validated Stock Packaging



Great For: Small Implant Kits • K-Wires • Tubing • Cables



QSEAL® Medium Inner Tray

Barrier System	Single Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	6.7" x 2.84" x 8.7"
Max Part Sizing	6.75" x 4.75" x 2.50"

QSEAL® Medium Outer Tray

Barrier System	Single Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	8.1" x 3" x 10.1"
Max Part Sizing	8.20" x 6.20" x 2.65"

QSEAL® Medium Tray Set

Barrier System	Double Barrier
Material	PETG/Tyvek
Shelf Box Dimensions	8.1" x 3" x 10.1"
Max Part Sizing	6.75" x 4.75" x 2.50"

Tray systems are especially good for small implant kits and various larger items such as wires, tubing, and cables.

Additional Options: An optional poly bag inside the tray contains the product and adds protection for the sterile barrier.

QSEAL® Pre-Validated Stock Packaging – Pouch Set Options



Great For:

Fasteners • Small Plates • Spinal Products • Bone Screws

QSEAL® Small Nylon/Tyvek Pouch Set	
Barrier System	Double Barrier
Material	Nylon/Tyvek
Shelf Box Dimensions	4" x 0.875" x 4.5"
Max Part Sizing	4" length x ~1" diameter

Double barrier pouch system designed for small implants and instruments.

Additional Options: An optional poly bag inside the pouch contains the product and adds protection for the sterile barrier.



Great For:

Drill Bits • K-Wires • Rods

QSEAL® Medium Nylon/Tyvek Pouch Set	
Barrier System	Double Barrier
Material	Nylon/Tyvek
Shelf Box Dimensions	4" x 0.875" x 12"
Max Part Sizing	12" length x ~1" diameter

Double barrier pouch system designed for long and slender objects.

Additional Options: Optional poly bag and tip protectors inside the pouch contains the product and adds protection for the sterile barrier.

QSEAL® Pre-Validated Stock Packaging – Form-Fill-Seal Options



Great For:

Syringes • Bandages

QSEAL® Small Form-Fill-Seal	
Barrier System	Single Barrier
Material	EVA/Ionomer Film/Tyvek
Shelf Box Dimensions	2.1" x 0.7" x 6.6"
Max Part Sizing	1.12" x 0.57" x 4.9"

Semi-flexible single barrier system designed for medium to high volume projects.

Additional Options: Packaged in bulk or shelf boxes, can be in a strip of 5 or single unit.



Great For:

Small Kits • Tubing Sets

QSEAL® Medium Form-Fill-Seal	
Barrier System	Single Barrier
Material	EVA/Ionomer Film/Tyvek
Shelf Box Dimensions	4.25" x 0.9" x 6.6"
Max Part Sizing	3.13" x 0.77" x 6"

Semi-ridged single barrier system designed for medium to high volume projects.

Additional Options: Packaged in bulk or shelf boxes, can be in a strip of 3 or single unit.