



**FLUOROPURE® BLOWMOLDED
INTERMEDIATE BULK CONTAINER**

*Reduces chemical packaging costs
and maintains chemical integrity*



non-contaminating, safe, efficient transport

Materials Integrity Management

For nearly 40 years, Entegris – the industry experts for materials integrity management solutions – has been committed to purifying, protecting and transporting the critical materials that enable the world’s leading technologies. Materials integrity management starts with the chemicals that come into direct contact with every wafer and IC produced. To help you safely handle these high-purity, microelectronic-grade chemicals, Entegris offers the FluoroPure® blowmolded intermediate bulk container (IBC) – an economical solution for transporting high-volume electronic-grade chemicals safely and efficiently.

Proven, Robust Construction

To complement our existing line of high-purity composite intermediate bulk containers, Entegris introduces a 1000 liter (265 gallon) FluoroPure® IBC. The IBC comprises a two-layer HDPE liner that ensures high-purity chemical performance and eliminates the corrosion and contamination concerns typical with metal cage style IBCs. In addition, the multilayer HDPE overpack results in a very strong package that is easy to maintain.

High-Purity Design

The blowmolded multilayer construction features the same wetted material options currently available with Entegris’ industry-leading FluoroPure® Trilayer and Advantage Trilayer 200 liter (55 gallon) HDPE drums. The common materials of construction allows customers to scale up to larger bulk containers using the same proven, high-performance resins they’ve come to rely on with Entegris HDPE drums. Chemical purity is maintained as blowmolding technology produces containers with higher purity, lower trace metals and fewer particles. Designed for long-term strength, the robust multilayer all-plastic overpack is ideally suited for returnable service applications.

Connection Flexibility

Designing three ports into the package provides flexibility and added safety. The three ports accommodate a burst disk, which is required by the DOT to ensure your safety, and an optional point-of-use drum insert (DI) and/or optional return DI for chemical recirculation applications.



The 1000 liter FluoroPure® IBC reduces chemical packaging costs and maintains chemical integrity.

Safe, Reliable Systems

Entegris is the single source supplier of completely assembled and DOT/UN approved chemical transport containers and connection systems. Sentry™ quick connect systems are the industry standard for interfacing FluoroPure® containers with bulk chemical delivery systems safely and conveniently. The patented design is key coded to assure against unsafe chemical mixing while guaranteeing dedicated clean service. All packages are pressure tested and assembled in a Class 1000 cleanroom.

Ordering Information

Part Number

XX XX XX* - XX XX - XX XX XX

Recirculation Drum Insert Special Instructions (QCII option only)

(See Sump Drum Insert Special Instructions below.)

- 00 = Standard or N/A
- 03 = Manual relief shipping plug
- 04 = Without 1/8" downtube
- 05 = Without 1/8" port (molded shut)
- 06 = Vented shipping plug
- 08 = Manual relief shipping plug and without 1/8" port (molded shut)
- 09 = Manual relief shipping plug without 1/8" pipe
- XX = Contact the factory for additional assignments

Recirculation Drum Insert Chemical Code (QCII option only)

- 00 = N/A
- (Reference the Fluid Handling Systems catalog for chemical codes.)

Recirculation Drum Insert Length Code (QCII option only)

- 00 = 1.6" (41 mm) long
- 23 = 12.0" (305 mm) long
- XX = Contact the factory for additional assignments

Assembly Special Instructions

- 00 = Standard
- 01 = Drum stenciling required
- 06 = Vented plug in 2" closure
- 07 = Vented plug in 2" closure and stencil
- XX = Contact the factory for additional assignments

Sump Drum Insert Special Instructions

- 00 = Standard or N/A
- 03 = Manual relief shipping plug
- 04 = Without 1/8" downtube (QC II option only)
- 05 = Without 1/8" port (molded shut) (QC II option only)
- 06 = Vented shipping plug
- 08 = Manual relief shipping plug and without 1/8" port (molded shut) (QCII option only)
- 09 = Manual relief shipping plug without 1/8" pipe (QCII option only)
- 16 = 04 and 06 combined (QCII option only)
- 17 = 05 and 06 combined (QCII option only)
- XX = Contact the factory for additional assignments

Sump Drum Insert Chemical Code

- 00 = N/A
- (Reference the Fluid Handling Systems catalog for chemical codes.)

Drum Insert and Material

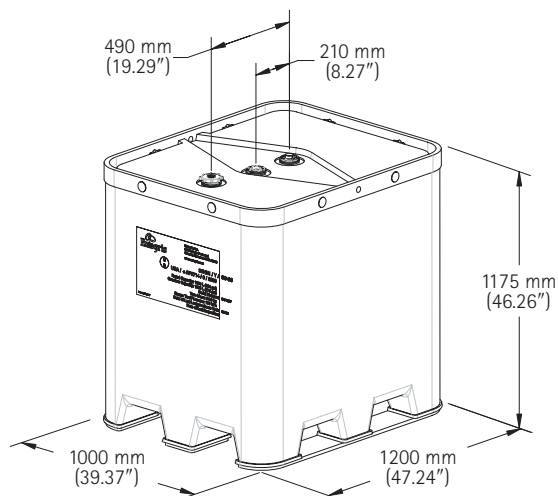
- 01 = No Drum Insert(s) (in sump port)
- 03 = QCII DIT PFA Drum Inserts - FEP encapsulated silicone o-rings
- 04 = QCII DIT PFA Drum Inserts - FEP encapsulated Viton® o-rings
- 05 = QCII DIT PFA Drum Inserts - FEP encapsulated EPDM o-rings
- 06 = QCII DIP PE Drum Inserts - FEP encapsulated silicone o-rings
- 07 = QCII DIP PE Drum Inserts - FEP encapsulated Viton® o-rings
- 08 = QCII DIP PE Drum Inserts - FEP encapsulated EPDM o-rings
- 09 = Standard SLQC port connections (includes dispense downtube and vent closures)*
- 10 = SLQC port connections with continuous vent closures (H₂O₂)*
- 11 = QCIII DI3T 3-port PFA Drum Inserts - FEP encapsulated silicone o-rings
- 12 = QCIII DI3T 3-port PFA Drum Inserts - FEP encapsulated Viton® o-rings
- 13 = QCIII DI3T 3-port PFA Drum Inserts - FEP encapsulated EPDM o-rings
- 14 = QCIII DI3T 4-port PFA Drum Inserts - FEP encapsulated silicone o-rings
- 15 = QCIII DI3T 4-port PFA Drum Inserts - FEP encapsulated Viton® o-rings
- 16 = QCIII DI3T 4-port PFA Drum Inserts - FEP encapsulated EPDM o-rings
- 17 = QCIII DI3P 3-port PE Drum Inserts - FEP encapsulated silicone o-rings
- 18 = QCIII DI3P 3-port PE Drum Inserts - FEP encapsulated Viton® o-rings
- 19 = QCIII DI3P 3-port PE Drum Inserts - FEP encapsulated EPDM o-rings
- 20 = QCIII DI3P 4-port PE Drum Inserts - FEP encapsulated silicone o-rings
- 21 = QCIII DI3P 4-port PE Drum Inserts - FEP encapsulated Viton® o-rings
- 22 = QCIII DI3P 4-port PE Drum Inserts - FEP encapsulated EPDM o-rings

Base Package

- 81 = 1000 liter (265 gallon) Trilayer material IBC with FEP encapsulated silicone o-rings
- 82 = 1000 liter (265 gallon) Advantage Trilayer material IBC with FEP encapsulated silicone o-rings

* If an SLQC drum insert is chosen, the part number ends after the Sump Drum Insert Chemical Code.

Dimensional Information



Specifications

Construction	Overpack	Blowmolded multilayer blue polyethylene
	Top lid	Light blue, Trilayer inner bottle Dark blue, Advantage inner bottle
	Bottle	Blowmolded multilayer high-density polyethylene
Approval	DOT/UN approved 31HH1/Y/USA/+AP3714/0/2099	
Specific gravity	1.9	
Rated capacity	1000 liters (264 gallons)	
Gauge pressure	100 kPa (14.5 PSIG)	
Tare weight	94.8 kg. (215 lbs.)	

Terms and Conditions of Sale

All purchases are subject to Entegris' "Terms and Conditions of Sale." To view and print this information, visit Entegris' Web site at www.entegris.com and select the Legal Notices link from the footer found on the home page.

For More Information

To learn how the FluoroPure® IBC can reduce chemical packaging costs and maintain chemical integrity, contact Entegris, Inc.

To review our complete line of fluid handling product solutions, see Entegris' *Fluid Handling Systems* catalog, visit Entegris' Web site at www.entegrisfluidhandling.com or contact Entegris Customer Service for your free *Fluid Handling Systems* catalog on CD-ROM.

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The materials integrity management company

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