

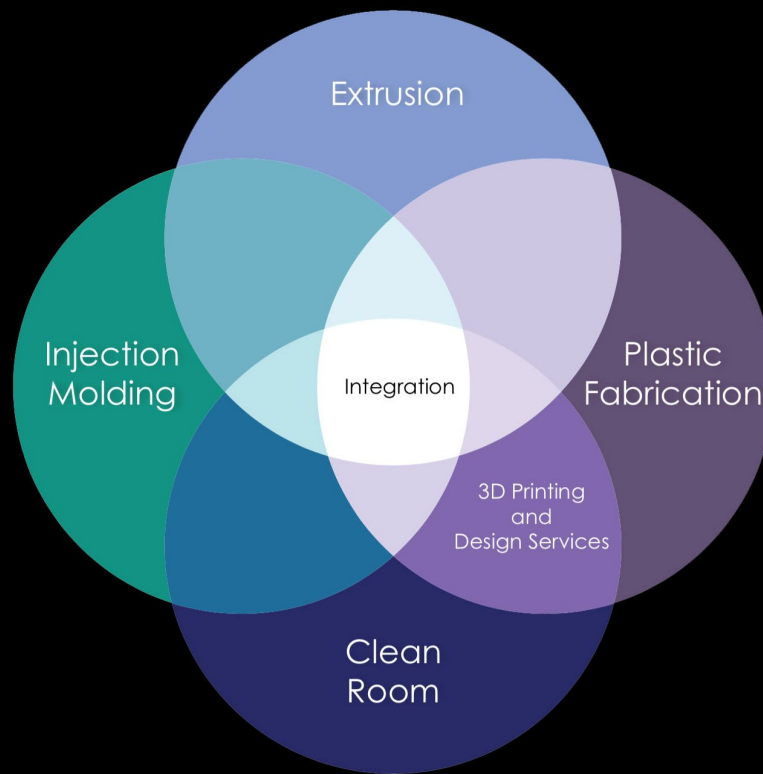


# Cellgyn® Media Bottles

Ensuring Seal Integrity with Over-Molded Fluidics



[tblplastics.com](http://tblplastics.com)



## Quality

Our quality program is certified in accordance to ISO 9001: 2015 International Quality Management Systems, where our quality system is regularly audited and evaluated for conformance and effectiveness. Our entire team understands that quality is mission critical and we all strive for continuous improvement.

## Reliability

In today's business environment consistency of supply chain is a major concern. TBL Performance Plastics has always prided itself on excellent customer service and great deliveries. Now part of the 3i Group, we have an expanded portfolio of products and service and a wider footprint to efficiently serve our customers throughout world.





## About Us

TBL Performance Plastics is now part of the 3i Group family of businesses.

We develop and manufacture non-metallic, single-use products targeted to the bio-pharmaceutical manufacturing community. Our novel products are used throughout the world in most major pharmaceutical companies' clinical supply manufacturers, CMOs, drug development companies and related OEM's. We offer industry leading expertise in developing non-metallic fluid transfer and storage products with a heavy focus on quality, regulatory compliance, and meeting the application specific needs of our clients.

Our four manufacturing capabilities include tubing, fittings, single-use assembly, and DVS certified plastic fabrication. With the integration of all four divisions, our customers benefit from faster delivery times, less supply chain risk, added variety, innovation, and ultimately lower costs.

TBL specializes in working with many non-metallic materials including silicone, Kynar® (PVDF), ADIF Polypropylene, TPEs, TPVs, phthalate-free Vinyl, Hytrel®, Nylon, PTFE, FEP, PFA and many other engineering polymers. In addition, we offer gamma irradiation services, and often work with distributors and OEMs to private label their concepts.



TBL Facility in Sparta, New Jersey

# C-Series TPE Top Works

## Product Profile | Anatomy of Our Cellgyn® Media Bottle

Assembled and packaged in an ISO Class 7 environment.

### Tubing

Cellgyn® Brand TPE Tubing for excellent barrier properties, purity and universal weldability.

### Stoppers

One-piece molded stoppers to ensure barrier seal integrity.

### Bottle

Copolyester (PETG) are Crystal Clear for optical monitoring.

### Poly Plugs

C-Series are supplied standard with a polypropylene plug on outlet of siphon tube.

### All Vent Filters Are Not Equal

Our standard 25MM. .2µm hydrophobic PVDF membrane provides superior gamma stability and ensures a higher degree of sterility assurance.



### Secure and Stable Clamps

ABS tube clamps offer the most mechanically secure and gamma stable choice.



### Good to The Last Drop

Forked Syphon tubing for maximum drainability.

### Cellgyn® Brand TPE Tubing

For excellent barrier properties, purity and universal weldability.





# PETG Square Media/Packaging Bottles

## C-Series TPE Stopper/Tube Set

Bottle Specification	Catalog #	CPETG2000-0204	CPETG2000-0202	CPETG1000-0202	CPETG0500-0202	CPETG0250-0202	CPETG0125-0202	CPETG0060-0202
	Bottle Size	2000 mL		1000 mL	500 mL	250 mL	125 mL	60 mL
	Overhead Space	20%						
	Transparent	Yes						
	Leakproof	Yes						
	Particle Free	Yes						
	Pyrogen Free	Yes						
	Non-Cytotoxic Non-Hemolytic	Yes						
	Molded Graduations for Reference Measurements	Yes						
Cap Specification	Size	53B	38-430	38-430	38-430	38-430	38-430	24-415
	Standard Color	White						
	Material	High-Density Polyethylene (HDPE)						
Tubing Specification	Stopper/Tubing Material	Cellgyn TPE						
	Cap Torque (mm)	30 in .lb						
	Tube ID/OD/Wall	1/4"ID x 7/16" OD	1/8"ID x 1/4" OD x 1/16" wall					
	Siphon Tube Length	24"						8"
	Vent /Gas Filter	37MM*	25MM*					
	Tube Clamp	ABS						
	Plug	Polypropylene (ADCF)						
Product Criteria	Regulatory	Lot and batch traceable, animal derived ingredient free (ADIF), components DMF listed ISO 10993,FDA 21 CFR, USP Class VI, UPS 661, Reach compliant. For complete validation guide, contact factory.						
	Endotoxin	*** no endotoxin detected via USP <85> and ANSI/AAMI ST72						
	Gamma Irradiation	25-40kGy						
	Temperature Range	-40°C to +65°C						
Packaging		Case Packed in Double Outer Bags						
	Bottle Size	2000 ml	1000 ml	500 ml	250 ml	125 ml	60 ml	
	Total Number of Bottles per Case	8	12	16	20	20	30	
	Case Dimensions (L x W x H inches)	20 x 20 x 15	20 x 20 x 12	20 x 20 x 12	20 x 20 x 10	20 x 20 x 10	20 x 20 x 8	
	Case Gross Weight	10 lb./ 4.53 kg	9 lb./ 4.08 kg	9 lb/ 4.08 kg	8 lb/ 3.63 kg	7 lb / 3.18 kg	9 lb/ 4.08 kg	

\*Vent/Gas Filters: 0.2 um absolute, Hydrophobic, PVDF

\*\*Endotoxin statement is based on testing randomly sampled groups of 125ML and 2,000ML finished assemblies.

Lot certification USP <85> and ANSI/AAMI ST72 is available as an option at additional cost.

Individual endotoxin lot certification is not provided as standard.

Packaging specifications apply to both C-Series and S-Series bottle configurations.

**Cellgyn® Brand TPE Tubing**

For excellent barrier properties, purity and universal weldability.

# S- Series Silicone Stopper Top works

## Product Profile | Anatomy of Our Silicone Media Bottle

Assembled and packaged in an ISO Class 7 environment.

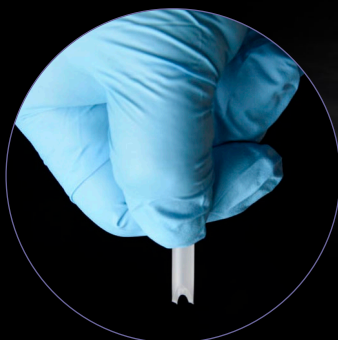
### Bottle

Copolyester (PETG) are Crystal Clear for optical monitoring.



### Secure and Stable Clamps

ABS tube clamps offer the most mechanically secure and gamma stable choice.



### Good to The Last Drop

Forked siphon tubing for maximum drainability.

### Stoppers

One-piece molded stoppers to ensure barrier seal integrity.

### Tubing

Pharm-a-Clear platinum cured tubing for superior purity and low protein adhesion.

### Connector

S-Series are supplied standard with a Colder CPC genderless AseptiQuik® S Connector (AQS17002) on outlet of siphon tube.\*

\*AseptiQuik® is a registered trademark of Colder Products Company.

# Silicone Square Media / Packaging Bottles

## S-Series Silicone Stopper / Tube Set

Bottle Specification	Catalog #	SPETG2000-0204	SPETG2000-0202	SPETG1000-0202	SPETG0500-0202	SPETG0250-0202	SPETG0125-0202	SPETG0060-0202
	Bottle Size	2000 ml		1000 ml	500 ml	250 ml	125 ml	60 ml
	Overhead Space	20%						
	Transparent	Yes						
	Leakproof	Yes						
	Particle Free	Yes						
	Pyrogen Free	Yes						
	Non-Cytotoxic Non-Hemolytic	Yes						
	Molded Graduations for Reference Measurements	Yes						
Cap Specification	Size	53B	38-430	38-430	38-430	38-430	24-415	
	Standard Color	White						
	Material	High-Density Polyethylene (HDPE)						
Tubing Specification	Stopper/Tubing Material	Pharm-A-Clear Platinum Cured Silicone						
	Cap Torque (mm)	30 in .lb						
	Tube ID/OD/Wall	1/4"ID x 7/16" OD		1/8" ID x 1/4" OD x 1/16" wall				
	Siphon Tube Length	24"						8"
	Vent /Gas Filter	37MM*	25MM*					
	Tube Clamp	ABS						
	Aseptic Connector	CPC/AQS17002 1/8" Genderless Connector						
Product Criteria	Regulatory	Lot and batch traceable, animal derived ingredient free (ADIF), components DMF listed, ISO 10993, FDA 21 CFR, USP Class VI, UPS 661, Reach compliant. For complete validation guide, contact factory.						
	Endotoxin	no endotoxin detected via USP <85> and ANSI/AAMI ST72**						
	Gamma Irradiation	25-40kGy						
	Temperature Range	-40°C to +65°C						
Packaging	Case Packed in Double Outer Bags							
	Bottle Size	2000 ml	1000 ml	500 ml	250 ml	125 ml	60 ml	
	Total Number of Bottles per Case	8	12	16	20	20	30	
	Case Dimensions (L x W x H inches)	20 x 20 x 15	20 x 20 x 12	20 x 20 x 12	20 x 20 x 10	20 x 20 x 10	20 x 20 x 8	
	Case Gross Weight	10 lb./ 4.53 kg	9 lb./ 4.08 kg	9 lb/ 4.08 kg	8 lb/ 3.63 kg	7 lb/ 3.18 kg	9 lb/ 4.08 kg	

\*Vent/Gas Filters: 0.2 um absolute, Hydrophobic, PVDF

\*\*Endotoxin statement is based on testing randomly sampled groups of 125ML and 2,000ML finished assemblies. Lot certification USP <85> and ANSI/AAMI ST72 is available as an option at additional cost. Individual endotoxin lot certification is not provided as standard.

Packaging specifications apply to both C-Series and S-Series bottle configurations.

# Dual Laminate Pouch with Easy-Tear Seal

**PET-  
Mechanical  
Structure/  
Gas Barrier**

**PE-inert  
Contact  
Barrier**

- No Sharps required to open package
- No particles
- Superior Oxygen Properties mean extended shelf life
- Improved Puncture Resistance

## Easy-Read Label

Bar Code	Part Number
Date of Manufacturing	Drawing Number
Description	

<b>CTBL</b> Performance Plastics		125ML CELLGYN Media Bottle Kit TBL-072219-D02
CPETG0125-0202 GAMMA IRRADIATED		
DOM: XX XX XXXX	EXP: XX XX XXXX	
 QB: 01034665857072		
1 Pc.	 LOT NUMBER XX XX XXXX	

Lot Number	Gamma Indicator
Date of Expiration	



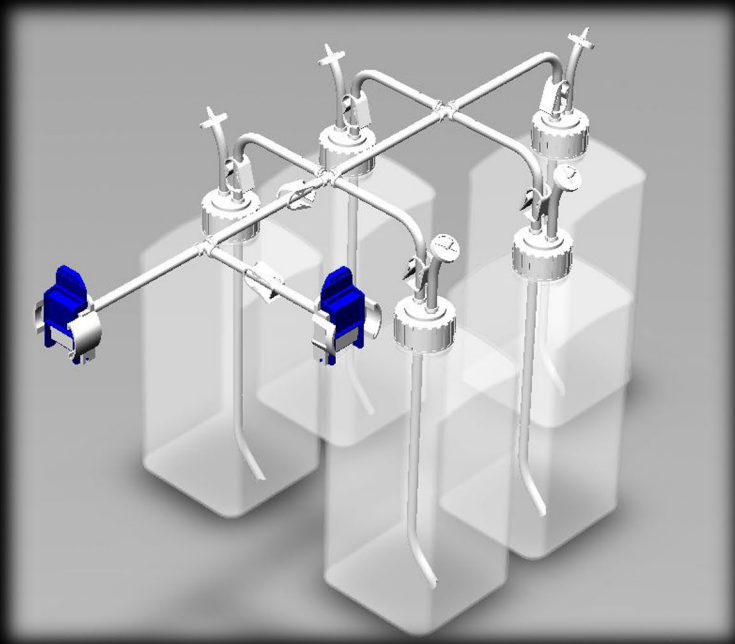


# Custom Solutions

**If your project requires a specific design, TBL can help!**

If your project that requires specific a design or configuration, we have the capabilities to provide a turnkey and customized solution to meet your needs.

Customers commonly come to us with a simple concept, sketches, component specifications or a functional description. Our design department can take your concept and provide a detailed proposal with approval drawings and a budget.



3-D Modeling



Pictured:  
Customized multi-port centrifuge tubes

# TBL offers a wide range of sizes to match your unique requirement.

## 60 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

CPETG0060-0202

PETG/60 ml/24-415/CELLGYN (TPE)/ 2 - 1/8" ID X 1/4" OD

### **S Series Platinum Cured Stopper / Tubing**

SPETG0060-0202

PETG/60 ml/24-415/ Silicone/ 2 - 1/8" ID X 1/4" OD



## 125 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

CPETG0125-0202

PETG/125 ml/38-430/CELLGYN (TPE)/ 2 - 1/8" ID X 1/4" OD

### **S Series Platinum Cured Stopper / Tubing**

SPETG0125-0202

PETG/125 ml/38-430/ Silicone/ 2 - 1/8" ID X 1/4" OD



## 250 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

CPETG0250-0202

PETG/250 ml/38-430/CELLGYN (TPE)/ 2 - 1/8" ID X 1/4" OD

### **S Series Platinum Cured Stopper / Tubing**

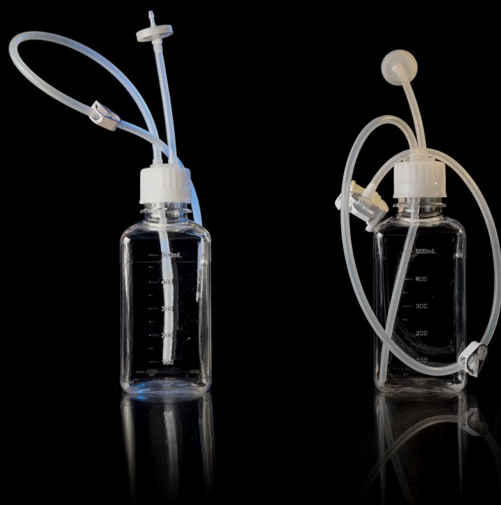
SPETG0250-0202

PETG/250 ml/38-430/ Silicone/ 2 - 1/8" ID X 1/4" OD



The Cellgyn® branded media bottle program is offered with two fluidic path options to meet your unique requirement.

Choose from either **TPE (Cellgyn)** with a plugged siphon tube or, if your tubing specification calls for silicone, we offer the option with our LH series platinum cured silicone tubing. The Silicone version is supplied standard with a CPC genderless acetic connector (AQ517002HT)



## 500 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

**CPETG0500-0202**

PETG/500 ml/38-430/CELLGYN (TPE)/ 2 – 1/8" ID X 1/4" OD

### **S Series Platinum Cured Stopper / Tubing**

**SPETG0500-0202**

PETG/500 ml/38-430/Silicone / 2 - 1/8" ID X 1/4" OD



## 1000 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

**CPETG1000-0202**

PETG/1000 ml/38-430/CELLGYN (TPE)/ 2 – 1/8" ID X 1/4" OD

### **S Series Platinum Cured Stopper / Tubing**

**SPETG1000-0202**

PETG/2000 ml/53B/ Silicone / 2 - 1/8" ID X 1/4" OD



## 2000 ml

### **C Series Cellgyn® TPE Stopper/Tubing**

**CPETG2000-0202**

PETG/2000 ml/53B/CELLGYN (TPE)/ 2 – 1/8" ID X 1/4" OD

**CPETG2000-0204**

PETG/2000 ml/53B/CELLGYN (TPE) 1/8" ID X 1/4" OD (Vent) X 1/4" ID X 7/16" OD

### **S Series Platinum Cured Stopper / Tubing**

**SPETG2000-0202**

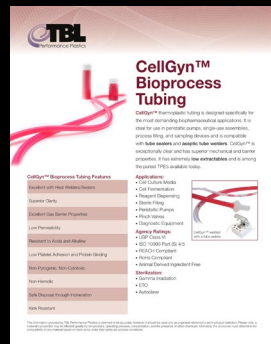
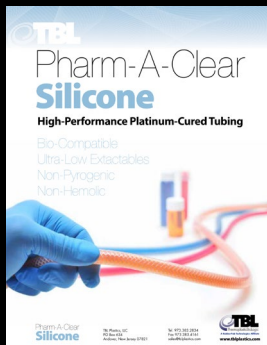
PETG/2000 ml/53B/ Silicone / 2 - 1/8" ID X 1/4" OD

**SPETG2000-0204**

PETG/2000 ml/53B/ Silicone / 1/8" ID X 1/4" OD (Vent) 1/4" ID X 7/16" OD

# Cellgyn® Media Bottles

## Ensuring Seal Integrity with Over-Molded Fluidics



Visit us on-line to learn about our related products.

[tbllplastics.com](http://tbllplastics.com)