



FISCHER CARBOY

5, 10, 20 and 50 liter

THE FISCHER CARBOY – ROBUST. CLEAN. RELIABLE.

The safe packaging solution for sensitive liquids

Our carboys are high-quality, sturdy containers made of medical-grade polypropylene (PP), developed for demanding applications in pharmaceutical, biopharmaceutical, food and chemical industries.

Available in nominal volumes of **5, 10, 20 and 50 liters** (1.32/2.64/5.28 and 13.2 gallons), in a **transparent light-blue version with clear litre and gallon markings**, they ensure safe handling and reliable visual content inspection.

They combine mechanical robustness, high chemical resistance and proven biocompatibility – providing maximum process reliability during transport, storage and application.



YOUR BENEFITS

- **Medical-grade PP**
Manufactured from high-quality polypropylene – tested, safe and compliant for sensitive applications
- **Versatile use**
Suitable for pharmaceutical active ingredients, cell culture media, food products and chemically active substances
- **High chemical and mechanical resistance**
Resistant to acids, solvents and cleaning agents – even under difficult conditions
- **Autoclavable**
No discoloration and no impairment of material properties after sterilisation
- **Optimal transparency**
Excellent optical clarity for visual process and fill-level inspection
- **Ergonomic design**
Stable wall thickness, robust construction and integrated handles for safe handling
- **Sustainability**
Recyclable PP, good residual emptying and safe disposal of non-contaminated products



RELIABLE QUALITY – PRODUCED IN SWITZERLAND

Manufactured under controlled conditions with high process reliability and documented quality assurance.

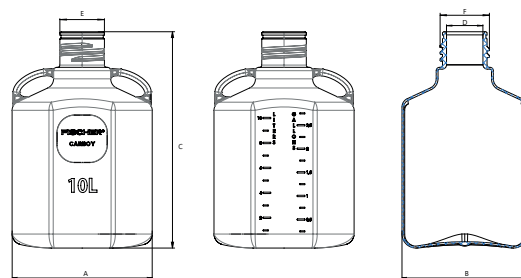


Volume markings

- Liter
- Gallon

TECHNICAL SPECIFICATIONS

Fischer Carboy



Article name	Article number	Nominal volume (L)	Nominal volume (gal)	Weight (g)	Packaging unit		Approx. dimensions in mm					
					per PU	per pallet	A	B	C	D	E	F
Carboy 5 lt		5	1.32				196	156	343	65	79.5	88
Carboy 10 lt		10	2.64				250	224	386	65	79.5	88
Carboy 20 lt		20	5.28				288	260	509	65	79.5	88
Carboy 50 lt		50	13.2				376	340	685	65	79.5	88

MATERIAL

- Polypropylene (PP), medical grade
- Process-related re-granulate of the same batch (closed-loop system, no recycling material from other batches)
- All materials used comply with applicable food and pharmaceutical requirements

DESIGN

- Stable wall thickness of 3.5 mm (minimum 2 mm)
- Ergonomic handles on neck and body
- Transparent and light blue

ADVANTAGES

- Robust design suitable for transport and laboratory applications
- Excellent optical clarity for visual inspection
- High resistance to chemicals and acids
- High impact resistance
- Low water vapor permeability
- Corrosion-resistant

APPLICATIONS

- Primary packaging for pharmaceutical active ingredients
- Biopharmaceutical and cell therapy applications
- Food industry
- Chemically active substances (pharmaceutical downstream processes)

ENVIRONMENT

- Recycling of non-contaminated PP possible
- PP can be safely disposed of
- Good residual emptying ensured

PRODUCTION / QUALITY ASSURANCE

- ISO 9001 certified
- BRC-certified production
- Low-germ, filtered blow air
- Controlled manufacturing (particles, microbiology, migration)
- Defined hygiene standards
- Autoclavable
- Ethylene oxide sterilization available upon request

APPROVALS / PHARMA & BIO-COMPATIBILITY

- Declaration of conformity according to EU Regulation 10/2011
- Regulation 2002/72/EC
- German Regulation on Food Contact Materials
- USP <87> & <88> – Class VI
- USP <788> – Particulate Matter
- USP <85> – Bacterial Endotoxins
- USP <665> – Plastic Containers
- ISO 10993 – Biocompatibility

ASSIMILATION

- Buffers
- Cell culture media
- WFI (Water for Injection)
- Isopropanol
- Standard cleaning agents
- Water
- Acetic acid
- Surfactants
- Hydrocarbon mixtures
- n-Butyl acetate

STORAGE STABILITY (WITHOUT FILLING MATERIAL)

- When stored correctly (dry, protected from sunlight, between 5 °C and 30 °C): shelf life of up to two years

CLOSURE & TIGHTENING TORQUE

- Screw cap 83B white, item no. 6366
- Material: screw cap PP, seal TPE
- Tightening torque: 8–12 Nm

PALLETIZATION

- Euro pallet (class A) 80 x 120 cm