

SPECIALIZED IN ULTRA-CLEAN PACKAGING SOLUTIONS FOR HIGH-PURITY CHEMICALS AND SENSITIVE APPLICATIONS

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POLY IBC UC 2.0



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With our POLY IBC UC, we provide a high-quality, reusable container for hazardous liquid chemicals. Thanks to its ultra-clean inner surface, it is ideally suited for high-purity applications in the chemical, pharmaceutical, and semiconductor industries.



Ultra-low particle level – <100 ppt



UN & DOT certified – Packaging Group II (Y)



Secondary containment



Multiway Solution

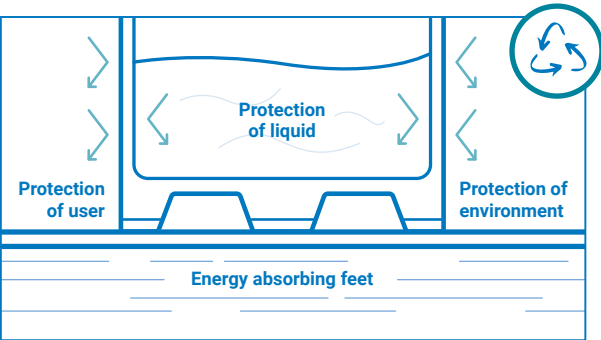


Interchangeable Pallet Boards (Frame vs Euro)

KEY BENEFITS

- **Semiconductor-grade purity:** Ultra-low trace metals and particles (< 100 ppt)
- **Integrated secondary containment:** Enhanced safety through built-in protection
- **Unique traceability label:** Clear, reliable product identification
- **Environmental shielding:** Full protection from external influences
- **Certified for global transport:** UN/DOT approved, Packaging Group II (Y)
- **UV-resistant material:** Extended durability, even under harsh conditions
- **Fully enclosed system:** Maintains highest product integrity and purity
- **Multiway usage:** Reusable solution for sustainable logistics

MAXIMUM SAFETY WITH RIKUTEC-SOLUTIONS



TECHNICAL DATA

SPECIFICATIONS	POLY IBC UC 2.0		
Material inner container	HDPE, high purity		
Material outer container	HDPE		
Material cover	HDPE / HUVEX Cover optional		
Material pallet	HDPE		
Transport quantity	52 (Europe) or 60 (USA) per truck, 44 per Container		
Bungs	3x 62x5 / 3x2“ modified buttress / 2x closed and 1x vented bung cap		
Standard color	Blue		
Nominal capacity	1000 liter / approx. 264 gal.		
Capacity	1050 liter / approx. 277 gal.		
Width	1000mm / approx. 39.4 in.		
Length	1200mm / approx. 47.2 in.		
Height	1175mm +-2% / approx. 46.3 in. +-2%		
Stacking height empty	Max 1+2		
Stacking height full	1+1, max. 1900 kg / approx. 4188 lb		
Weight	+/- 95kg / approx. 209 lb		
Prepared for extractor tubes	Quick Connect, Entegris, Twist Lock for RIKUTEC Quick Connect System		
Maximal filling temperature	40°C / 104°F		
Approvals			
DOT certification	31HH1/Y/* /USA/+AA11220/0/2010		
UN certification	31HH1/Y/.../D/BAM 6808-RIKUTEC/3314/2050		
Standard liquid approvals	Density kg/l		
Water	1.9		
Wetting solution	1.5		
Acetic acid	1.5		
Nitric acid 55%	1.5		
White spirit	1.4		
n-Butylacetat	1.4		
Original Tested Liquid Approval	Nitric Acid	70%	UN2031
	Hydrofluoric Acid	60%	UN1790