

POLY IBC & DRUMS



HIGH PURITY PACKAGING
STORAGE AND TRANSPORT SOLUTION

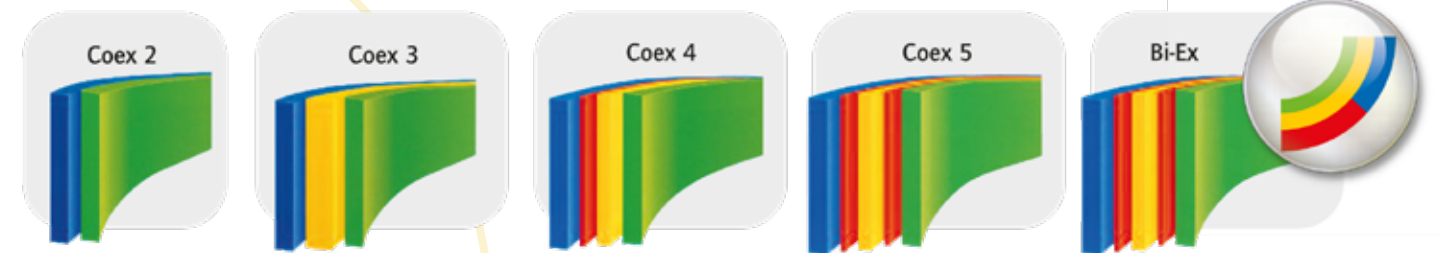


COEXTRUSION MULTI-LAYER TECHNOLOGY FOR LARGE VOLUME CONTAINER – A DEVELOPMENT BY RIKUTEC

The RIKUTEC multi-layer blow-molding technology opens entirely new & future oriented markets. RIKUTEC's far-sighted developments allow now, for the first time, the production of large volume containers and large surface area components with multi-layer wall structures specifically designed to meet the desired product requirements.

The RIKUTEC coextrusion process offers:

- considerably reduced permeation rates for hydrocarbons
- storage & transport of aggressive chemical products in large volume containers with multi-layer wall designs
- greatly enhanced mechanical properties for tanks featuring with multi-layer wall design
- large scale re-use of recycled materials in so-called recycle layers
- additive free, clean Polyethylene usage for inner wall layer exposed to chemicals



ABOUT US

The RIKUTEC Group is an innovative and internationally operating enterprise active in the plastic blow-molding field. The core business is the manufacturing of technical blow-molding machines for industry and trade, as well as mechanical and plant engineering.

Two standalone but intimately connected corporate divisions have developed from the mechanical development know-how and the search for customer-oriented products and solutions in the past 30 years: On the one hand, a think tank for future-oriented machine and blow-molding technology, while on the other hand market-related and innovative production of industrial packaging, large-volume storage tanks and technical blow-molding parts. The German manufacturer located in the Westerwald region produces all manufactured products on systems developed and built by themselves.





RIKUTEC IS CERTIFIED TO DIN ISO 9001



- ALL PLASTIC CONTAINER
no metal components



- TEST PRESSURE 320 kPa
Twin Drum and UC Drum heavy



- 100% RECYCLABLE
only one construction material - easy to recycle



- CORROSION PROTECTED
no metal, no corrosion



- HIGHEST SAFETY STANDARDS



- ENERGY ABSORBING
minimum risk for damage



- MULTI LAYER COEX SYSTEM
patented by RIKUTEC



- ULTRA CLEAN specially for
high purity chemicals



- CONDUCTIVE
for flammable liquids
with low flash points



- SECONDARY CONTAINMENT
for highest aggressive liquids



TWIN DRUM – THE FIRST ALL PLASTIC COMBI DRUM

- the first all plastic combi drum
- absorbs impacts and the energy from falls
- safe storage and transportation of highly aggressive chemicals
- no additives and stabilizers on the inside layer
- guarantees high vapour pressure and vacuum resistance
- outside layer: HDPE with a special UV stabilization
- Quick Connect dispense system approved



UC-DRUM & UC-DRUM HEAVY



UC = ULTRA CLEAN

- high purity drum, very low trace metals and particle generation
- no additives and stabilizers on the inside layer
- guarantees high vapor pressure and vacuum resistance
- outside layer: HDPE with a special UV stabilization
- UN approved for a wide range of chemicals
- QC dispense system approved
- double L-ring for a safe handling and stability
- heavy version specifically developed for ammonia

UC-DRUM LIGHT

UC = ULTRA CLEAN

- high purity drum, very low trace metals and particle generation
- no additives and stabilizers on the inside layer
- outside layer colored in HDPE, a special UV stabilization
- UN-approved for a wide range of chemicals
- QC dispense system approved
- L-ring for a safe handling
- tested to 200 kPa



CD-DRUM

CD = CONDUCTIVE

- QC dispense system approved
- outside layer: conductive HDPE with a special UV-stabilization ($\leq 10^{-6} \Omega$)
- used for flammable chemicals
- no additives and stabilizers on the inside layer
- EEC approved



	UC-DRUM	UC-DRUM HEAVY	UC-DRUM LIGHT	CD-DRUM	TWIN DRUM
Capacity*	200 l / 52 US gal lqd	200 l / 52 US gal lqd	200 l / 52 US gal lqd	200 l / 52 US gal lqd	200 l / 52 US gal lqd
Ø × Height*	580 × 960 mm 22 × 38 in	580 × 960 mm 22 × 38 in	580 × 960 mm 22 × 38 in	580 × 960 mm 22 × 38 in	585 × 963 mm 23 × 38 in
Weight*	14,5 kg / 32 lbs	16 kg / 35 lbs	11,1 kg / 25 lbs	16 kg / 35 lbs	15,9 kg / 35 lbs
Bung opening*	2 × S62 × 5 mm	2 × S62 × 5 mm	2 × S62 × 5 mm	2 × S62 × 5 mm	2 × S62 × 5 mm
UN approval*	1H1/Y1.9/300/D/BAM 6834-RIKUTEC	1H1/Y/300/D/BAM 6934-RIKUTEC	Authorization applied for	1H1/Y/150/D/BAM 7369-RIKUTEC	6HH1/Y1.9/320/D/BAM 14926-RIKUTEC

Approval holder: RIKUTEC Richter Kunststofftechnik GmbH & Co. KG | 57610 Altenkirchen | Germany
* Errors and technical changes reserved



RIKUTEC IS CERTIFIED TO DIN ISO 9001



• World market leader for large discontinuous blow-molding technology



• 40 years experience in blow-molding



• Turnkey for blow-molded products



• Multi color coex system patented by RIKUTEC



• Complete closed outer box offers highest safety for transport and storage



• 100% recyclable



• All plastic container, prevents corrosion



• Refillable container with UN approval for packaging group II and III

POLY IBC – ALL PLASTIC CONTAINER THE COMPONENTS

1 COVER

- made of HDPE
- optional with rain/dust cover

2 INNER CONTAINER

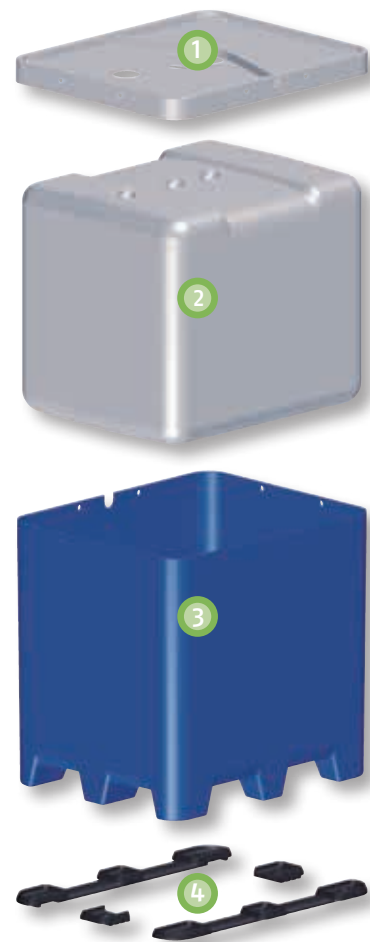
- various types made of HDPE for your specific requirements
- two-layer structure

3 OUTER CONTAINER

- made of HDPE/HMW-HDPE using the stretch molding technique with molded-on pallet base
- three-layer structure with foamed intermediate layer of HDPE

4 PALLET BASE

- interchangeable pallet boards made of HDPE, for frame or euro pallet design



POLY IBC UC 1000

- high purity bottle – very low trace metals, very low particle generation
- without bottom outlet
- multi trip DOT returnable
- UN-approved
- dispensing and filling with dip tubes



POLY IBC UC-S 1000

- high purity bottle – very low trace metals, very low particle generation
- approved for nitric acid (70%)
- without bottom outlet
- multi trip DOT returnable
- UN-approved
- dispensing and filling with dip tubes



POLY IBC CD 1000

- for packaging of highly flammable liquids, chemicals with low flash points, UV sensitive products
- conductive $\leq 10^{-6} \Omega$
- high purity bottle – very low trace metals, very low particle generation
- save conductivity also after drainage
- PTB approved, TRbf
- UN-approval
- Explosion protection zone 1 + 2
- EEC approved
- dispensing and filling with dip tubes



POLY IBC CD 1000 WITH BANDEROLE

- for packaging of highly flammable liquids, electronic and chemicals, UV sensitive products
- UN-approval, EEC with low flash points approved
- Explosion protection zone 1 + 2
- maximum safety due to conductive sleeve
- adequate for highly flammable and high sensitive chemicals
- high purity bottle
- constant conductivity
- no bottom outlet, dispensing and filling with dip tubes



	POLY IBC UC 1000	POLY IBC UC-S 1000	POLY IBC CD 1000	POLY IBC with banderole
Capacity*	1,000 l / 264 US gal lqd	1,000 l / 264 US gal lqd	1,000 l / 264 US gal lqd	1,000 l / 264 US gal lqd
Dimensions*	1,200 × 1,000 × 1,165 mm 47 × 39 × 46 in	1,200 × 1,000 × 1,165 mm 47 × 39 × 46 in	1,200 × 1,000 × 1,165 mm 47 × 39 × 46 in	1,200 × 1,000 × 1,165 mm 47 × 39 × 46 in
Weight*	96 kg / 212 lbs	96 kg / 212 lbs	97 kg / 214 lbs	97 kg / 214 lbs
Filling holes*	3 × 562 × 5 mm	3 × 562 × 5 mm	3 × 562 × 5 mm	3 × 5 mm
Pallets welded* (100% secondary containment)	optional	optional	optional	optional
UN approval*	31HH1/YI...BAM 6808-RIKUTEC/3314/2070	31HH1/YI...BAM 6808-RIKUTEC/3314/2070	31HH1/YI...BAM 6435-RIKUTEC/0/2070	31HH1/YI.../D/BAM 14783-RIKUTEC/0/2058
Cover*	white	black	conductive	conductive

* Errors and technical changes reserved

ACCESSORIES

1

DIP TUBE, NON CONDUCTIVE
for POLY IBC UC/UC-S 1000 and UC drum

- available with flexible compensator for ensuring maximum chemical keycode system in dry area
- pin-coding system

2

DIP TUBE, CONDUCTIVE
for POLY IBC CD 1000 and CD drum

- suitable for flammable chemicals with low flashpoints
- available with compensator flexible below for ensuring maximum chemical dispensing
- chemical keycode system in dry area

3

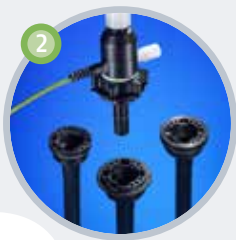
DISPENSE HEAD, NON CONDUCTIVE
for POLY IBC UC/UC-S 1000 and UC drum

- filling and dispensing with simultaneous venting of the container

4

DISPENSE HEAD, CONDUCTIVE
for POLY IBC CD 1000 and CD drum

- filling and dispensing with simultaneous venting of the container
- suitable for flammable chemicals with low flashpoints



SERVICE

OUR SERVICE IS THERE WHERE YOU ARE.

RIKUTEC GERMANY

Richter Kunststofftechnik GmbH & Co. KG
Graf-Zeppelin-Straße 1-5
57610 Altenkirchen | Germany
T +49 2681 95 46 - 0
F +49 2681 95 46 - 33
info@rikutec.de | www.rikutec.de

Richter Kunststofftechnik GmbH & Co. KG
Headquater & Sales
Rhöndorfer Str. 85
53604 Bad Honnef | Germany
T +49 2681 95 46 0
F +49 2681 95 46 610
info@rikutec.de | www.rikutec.de

RIKUTEC AMERICA

371 Douglas Rd.
Whitinsville MA, 01588
USA
T +1 508-234-7300
F +1 508-234-7337
www.rikutec.com

SOTRALENTZ-HABITAT FRANCE SAS

Rikutec Group
2A rue de Sarreguemines
67320 Drulingen | France
T +33 3 88 01 68 00
F +33 3 88 01 60 60
info@sotralentz-habitat.fr
www.sotralentz-habitat.fr

RIKUTEC ASIA

Rm 1005, ACE TWIN - Tower 1 CHA
285, Digital-Ro - Guro-gu
Seoul, 08381 | Korea
T +82 2761 2760
F +82 2761 2759
rikutecasia@unitel.co.kr

SOTRALENTZ HABITAT SPAIN

Rikutec Group
Polig. Industrial de Lantarón,
parcelas 15 y 16
01213 Comunió - Alava | Spain
T +34 945 33 21 00
F +34 945 33 22 86
info@sotralentz-habitat.es
www.sotralentz-habitat.es



Certified to DIN ISO 9001



RIKUTEC Group