

ECODESIGN WITHIN PACKAGING DEVELOPMENT

The optimal packaging for your product.



Packaging development according to eco-design specifications.

Scan the QR code & find out more details.



Reduce

Conserving resources through material use – thermoforming before injection moulding.



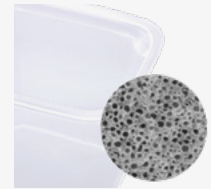
Lattice structure saves up to 40% material.



Flexible packaging instead of bottles and canisters.



Thermoformed packaging instead of injection moulded packaging.



Up to 15% material savings thanks to foamed thermoforming film.

Reuse

Conserving resources through reusable solutions – reusable is preferable to disposable.



Efficient use of storage and transport capacities through modular systems.



Optimal stacking facilitates the return of empty trays.



Designed for various container sizes.

Recycle

Resource conservation through ease of recycling and sorting.



PP mono-packaging: Injection moulding, optionally with In-Mould- Labelling (IML).



PP mono-packaging: Thermoforming, optionally with In-Mould- Labelling (IML).



PP and PE mono-packaging: low temperature sealing. Ultrasonic sealing.

The standard program at a glance.

Food or non-food, rigid packaging or flexible, virgin material or post-consumer recycle. We offer solutions from 150 to 5,900 ml – with or without in-mould labelling. These solutions were developed in accordance with eco-design. At the heart of

packaging development are our efforts for the sustainable use of resources, which can be classified into the topics “Reduce”, “Reuse” and “Recycle”.

Reduce

Sustainable through significant material savings

Reuse

Sustainable through multiple use

Recycle

Sustainable through recyclability and use of PCR material



Reduce+ series
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BRT-series
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BD-series
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BDT-series
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BR 002-series
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BR 003-series, ER-series
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EQ-series
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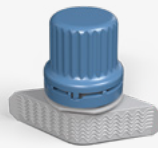
BDH-series
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Reduce+ series | grid bucket for snack vegetables



Scan the QR code &
find out more details.



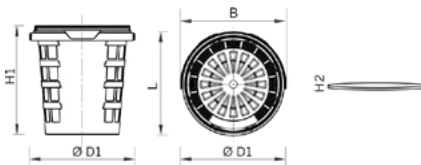
A resource conserving version of a bucket, the grid structure ensures good ventilation of the vegetables. This prevents premature spoilage due to refrigerated storage.

Reduced material usage.

The combination of grid structure and cardboard lid saves up to 40% plastic compared to competitive buckets. Stability and product protection are not compromised.

High-quality decoration.

Decoration of the bucket by using In-Mould-Labeling (IML) and full-surface printing of the carton lid.



Standardfarben: clear-transparent

Material: PP

Reduce+ bucket with handle

Order No.	Ø D1 mm	B mm	L mm	H1 mm	Capacity ml	Brimful capacity in ml	PU
BD 010-800 B	118,00	121,80	119,40	125,00	800	863	3.591

Cardboard lid with Offset-Printing

Order No.	Ø D2 mm	H2 mm	Function	PU
D-BD 010 K	106,70	0,60	Tamper-evident lid	78.000

Reduce

- + bucket: 21.5g weight means at least 20% material savings.
- + lid: 4.0g weight means at least 40% material savings.

Recycle

- + As mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

BRT-series | thermoformed rectangular containers



Scan the QR code &
find out more details.



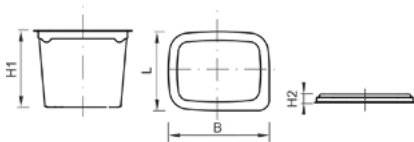
Ideal for deli products, spreads and salads. With volumes from 150ml, small portions can be packaged for single households and convenience food.

Highly recyclable.

As mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

Efficient filling and sealing.

Same sealing rim for all sizes allows fast size changeover at the filling machine.



Standard colours: clear-transparent

Material: PP

Thermoformed rectangular containers

Order No.	L mm	B mm	H1 mm	Brimful Capacity ml	PU
BRT 001-150	112,00	84,30	24,70	150	10.032
BRT 001-220	112,00	84,30	33,80	220	9.856
BRT 001-240	112,00	84,30	38,50	240	10.032
BRT 001-270	112,00	84,30	45,40	270	9.856
BRT 001-340	112,00	84,30	56,90	340	9.680
BRT 001-450	112,00	84,30	77,30	450	6.160
BRT 001-490	112,00	84,30	87,50	490	5.984

Snap-on lid

Order No.	L mm	B mm	H2 mm	Function	PU
D-BRT 001 S	117,10	92,90	10,82	Snap-on lid	16.960

Reduce

- + Weight savings of up to 30%.
- + One cup cell and one lid magazine for all sizes.

Recycle

- + PP mono-packaging.
- + Use of post-consumer material for non-food applications.

BD-series | round cups with tamper-evident or slip-on lid



Scan the QR code & find out more details.



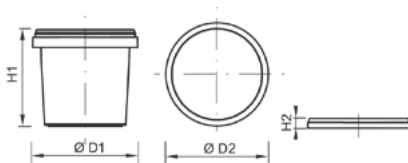
Perfect for salads, snacks and fresh food.

Reduced material usage.

Due to the manufacturing process of the thermoformed cups and lids, thin wall thicknesses and thus weight savings of up to 30% compared to injection moulding can be achieved.

Highly recyclable.

As mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.



Standard colours: opaque, clear-transparent, white

Material: PP

Round containers

Order No.	Ø D1 mm	H1 mm	Brimful capacity ml	Tamper- evident seal	IML In-Mould- Labelling	PU
BD 003-320	95,00	74,45	328			7.680
BD 003-360	95,00	87,00	390		x	7.904
BDT 003-200	94,80	42,00	200			12.096
BD 008-500 O	109,00	92,00	580	x	x	4.158

Tamper-evident lid or Snap-on lid

Order No.	Ø D2 mm	H2 mm	Function	IML In-Mould- Labelling	PU
D-BDT 003 S1	98,20	10,00	Snap-on lid		21.620
D-BD 003 S	98,20	12,20	Snap-on lid	x	11.616
D-BD 008 K	107,04	8,10	Tamper-evident lid	x	17.784

Reduce

- + Production-related savings of up to 30% for thermoformed cups and lids.

Recycle

- + PET and PP mono-packaging.
- + Decoration of the injection moulding cups and lids by using In-Mould- Labelling (IML).

BDT-series | thermoformed round cups with snap-on lid



Scan the QR code & find out more details.



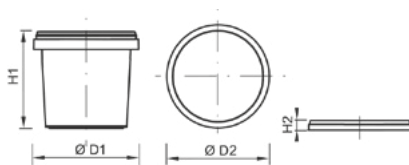
Perfect for salads and fresh food: our thermoformed round cups with snap-on lids. The uniform lid for all sizes ensures a consistent appearance.

Reduced material usage.

Due to the manufacturing process of the thermoformed cups and lids, thin wall thicknesses and thus weight savings of up to 30% compared to injection moulding can be achieved.

Efficient filling and sealing.

Same sealing rim for all sizes allows fast size changeover at the filling machine.



Standard colours: clear-transparent

Material: PET

Thermoformed round containers

Order No.	Ø D1 mm	H1 mm	Brimful capacity ml	PU
BDT 010-310	123,00	40,00	310	8.580
BDT 010-380	123,00	50,00	380	8.052
BDT 010-500	123,00	79,30	500	6.962
BDT 010-600	123,00	88,06	600	6.608

Snap-on lid

Order No.	Ø D2 mm	H2 mm	Function	PU
D-BDT 010 S	126,50	16,70	Snap-on lid	7.452

Reduce

- + Production-related savings of up to 30% for thermoformed cups and lids.
- + One cup cell and one lid magazine for all sizes.

Recycle

- + PET mono-packaging.
- + Use of post-consumer material for non-food applications.

BR 002-series | rectangular containers with In-Mould-Labeling



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find out more details.



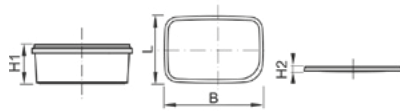
These mono-material packagings are versatile and practical: ideal for fresh produce, delicatessen and salads. Highly decorated with In-Mould-Labeling (IML), you can present yourself attractively at the point of sale.

High-quality decoration.

Decoration of containers and lids by using In-Mould-Labeling (IML).

Highly recyclable.

As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.



Standard colours: opaque, clear-transparent, white

Material: PP

Rectangular trays with tamper-evident seal

Order No.	L mm	B mm	H1 mm	Capacity ml	Tamper evident closure	IML In-Mould-Labeling	PU
BR 002-660 O	129,00	192,00	43,80	660	x		4.356
BR 002-1000 O	129,00	192,00	62,50	1.000	x	x	4.356
BR 002-1200 O	129,00	192,00	73,50	1.200	x	x	4.356

Tamper-evident lid

Order No.	L mm	B mm	H2 mm	Function	PU
D-BR 002 K	125,96	188,96	8,30	Tamper-evident lid	6.480

Reduce

- + One cup cell and one lid magazine for all sizes.

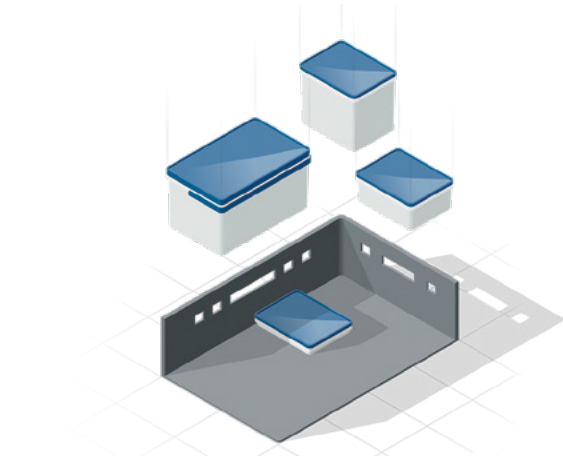
Recycle

- + Decoration of the bucket by using In-Mould-Labeling (IML)
- + PP mono-packaging.

BR 003-series, ER-series | rectangular containers for E2 crates



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find out more details.



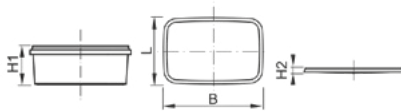
Our rectangular container series is designed to fit the inside dimensions of the E2 euro crates. They can be used to pack, store and transport deli products, salads and dressings in a space-saving way.

Enhanced logistics.

The modular system of our rectangular container series ensures optimum utilization of E2 crates in every combination. Storage capacities can thus be almost doubled.

Efficient filling and sealing.

Same rim for all sizes allows fast size changeover at the filling machine.



Standard colours: opaque, clear-transparent, white

Material: PP

Rectangular containers for E2 boxes

Order No.	L mm	B mm	H1 mm	Capacity ml	Tamper evident closure	PU
BR 003-600 O	177,50	138,50	40,50	671	x	2.376
BR 003-1150 O	177,50	138,50	63,10	1.126	x	1.296
BR 003-1700 O	177,50	138,50	92,35	1.700	x	1.008
BR 003-2400 O	177,50	138,50	129,00	2.317	x	2.952
BR 003-3300 O	177,50	138,50	180,20	3.270	x	1.944
ER 001-5100 BO	177,10	279,00	162,30		x	1.188
ER 002-5700 BO	177,40	279,00	180,00	5.680	x	1.188

Tamper-evident lid or Snap-on lid

Order No.	L mm	B mm	H2 mm	Function	PU
D-BR 003 K	175,20	136,20	7,90	Tamper-evident lid	5.400
D-ER 001 S	261,80	166,80	20,00	Snap-on lid	2.280
D-ER 002 K	260,80	165,80	9,85	Tamper-evident lid	2.964

Reduce

- Modular system: space-saving combination of container sizes.
- Maximise existing storage capacity – finished goods and empties.

Reuse

- The optimized dimensions make the use of reusable secondary packaging (e.g. E2 crate) very efficient.

Recycle

- As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

EQ-series | square buckets with In-Mould-Labelling



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find out more details.



Our square bucket series is designed for optimised pallet and shelf utilisation. The buckets can be optionally closed with a clamp lid or, if a sealing film is used, with a snap-on lid.

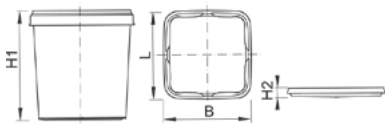
Enhanced logistics.

Modular design of the buckets allows space-saving storage of the finished product. Dimensions tailored to euro pallets increase the number of units per pallet (24 containers per layer).



High-quality decoration.

Decoration of buckets and lids by using In-Mould-Labelling (IML).



Standard colours: opaque, clear-transparent, white

Material: PP

Square buckets with handle and tamper-evident seal

Order No.	L mm	B mm	H1 mm	Capacity ml	Brimful capacity ml	Tamper-evident seal	IML In-Mould-Labelling	PU
EQ 001-3200 BO	197,20	199,60	110,00	2.684	3.228	x	x	1.440
EQ 001-4200 BO	197,20	199,60	141,00	3.598	4.142	x	x	1.440
EQ 001-5900 BO	197,20	199,60	202,00	5.233	5.891	x	x	1.440

Tamper-evident lid and Snap-on lid

Order No.	L mm	B mm	H2 mm	Function	IML In-Mould-Labelling	PU
D-EQ 001 K	193,20	193,20	17,30	Tamper-evident lid	x	2.400
D-EQ 001 S	193,20	193,20	20,00	Snap-on lid	x	2.784

Reduce

- + Modular system: efficient use of pallets when using different sizes.
- + External dimensions tailored to Euro or H1 pallets: 24 buckets per layer.

Recycle

- + As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

BDH-series | reusable household containers



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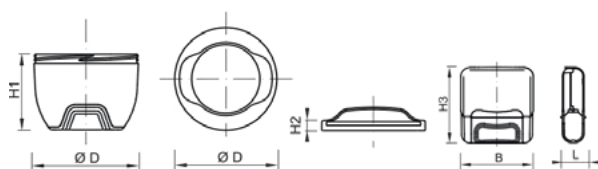
Our consumer-friendly household containers are not only versatile, but also convince with an attractive design. They are dishwasher safe, microwave and freezer safe and can therefore be used for many household applications.

Resource-conserving.

Reusable packaging causes less waste and the carbon footprint decreases with each rotation compared to single-use packaging.

Highly recyclable.

As PP or PE mono-packaging, the containers and lids meet all the requirements of mechanical recycling: NIR detectable, floating-sink process.



Standard colours: opaque/white

Material: PP / TPE

Household Containers

Order No.	Ø D mm	H1 mm	Capacity ml	Material	Colour	PU
BDH 001-750	145,00	75,00	750	PP / TPE	clear-transparent/ coloured	450
BDH 001-1200	145,00	105,00	1.200	PP / TPE	clear-transparent/ coloured	315

Screw-on lid

Order No.	Ø D mm	H2 mm	Function	Material	Colour	PU
D-BDH 001 G	149,80	33,60	Screw-on lid	PP / TPE	white/ coloured	165

Sandwich box

Order no.	L mm	B mm	H3 mm	Function	Material	Colours (optional)	PU
BDH 002	36,00	119,00	124,00	plastic hinge	PP / TPE	coloured	200

Reduce

- + Through reusable applications, less disposable packaging has to be produced - resources are conserved.

Reuse

- + Universally usable.
- + Attractive design through the combination of two materials/ colours.
- + Durable design of the hinge.

Recycle

- + PP or PE Mono-packaging.
- + Use of post-consumer material for non-food applications.

AE-series | weld spouts for flexible packaging



Stand-up pouches replace existing packaging for pet and baby food, cleaning and laundry products, personal care and dairy products: easy to handle, light weight and reducing waste volume. With our Pouchbooster programme, we provide you with all-round support.

Highly flexible.

A standardised system throughout all order series AE 001 to AE 004 allows significant cost reductions despite greater flexibility for the filler - optimum system utilisation, compatible with existing filling systems.

Highly recyclable.

Material recommendations for recyclable mono-PP or mono-PE pouches in the consumer goods industry.

Reduce

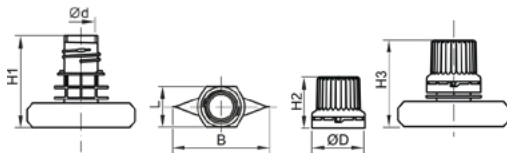
- ⊕ Lower storage and transport costs compared to bottles, canisters, etc.
- ⊕ Significant material savings compared to bottles or canisters.

Recycle

- ⊕ As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.



Scan the QR code &
find out more details.



Standardfarben: white, opaque, opaque/white

Material: PP, PE, PE/PP

Weldspouts (Filling through the weldspout)

Order No.	L mm	B mm	H1 mm	Ø d mm	Packaging unit
AE 001-37 NU	18,00	37,50	33,80	10,50	4.000
AE 002-40 N	20,00	40,00	33,80	12,50	3.000
AE 003-40 N	25,00	40,00	33,80	17,50	2.000
AE 004-50 N	29,00	50,00	33,80	21,50	1.500
AE 005-21 NU	16,00	21,50	29,80	8,50	8.000
AE 007-21 NU	13,80	21,50	28,80	8,50	8.000

Screw caps

Order No.	Ø d mm	H2 mm	Tamper evident closure	Packaging unit
C-AE 001	19,50	18,80		8.000
C-AE 001 O	19,50	18,80	x	8.000
C-AE 001 O App-1 ASM	33,00	18,80		2.500
C-AE 001 VSO Flower	33,00	18,80	x	3.000
C-AE 002	21,90	18,80		6.000
C-AE 002 O	21,90	18,80	x	6.000
C-AE 003	26,90	18,80		4.000
C-AE 003 O	26,90	18,80	x	4.000
C-AE 004	30,90	18,80		3.000
C-AE 004 O	30,90	18,80	x	3.000
C-AE 005 OF	17,50	18,40	x	8.000
C-AE 005 VSO Flower	33,00	18,40	x	3.000
C-AE 007 VSO Clover	34,00	18,60	x	2.500

Assembled delivery (Weldspouts + Screw caps)

Order No.	L mm	B mm	H3 mm	Ø d mm	Packaging unit
ZSB-AE 001-37	19,50	37,50	31,00	10,50	4.000
ZSB-AE 001-37 O	19,50	37,50	31,00	10,50	4.000
ZSB AE 002-40	21,90	40,00	31,20	12,50	3.000
ZSB AE 002-40 O	21,90	40,00	31,20	12,50	3.000
ZSB AE 003-40	26,90	40,00	31,20	17,50	2.500
ZSB AE 003-40 O	26,90	40,00	31,20	17,50	2.500
ZSB AE 004-50	30,90	50,00	31,20	21,50	1.500
ZSB AE 004-50 O	30,90	50,00	31,20	21,50	1.500

PCR-series | Packaging made from Post-Consumer-Recyclate (PCR)



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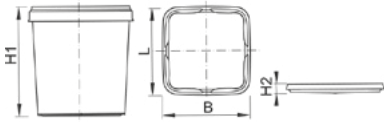
Our packaging, weldspouts and screw caps are made from 97% PCR material in the plastic content from the yellow bin, the yellow sack or other household recycling collections. This post-consumer recyclate (PCR) is made from used plastic products that have already gone through a complete life cycle. Thus, PCR packaging is made of recycled plastic and is itself 100% recyclable.

Closed material loop.

Made from plastic = 97% PCR material from household collections. This is how we close the loop.

Certified.

The proportion of PCR material is certified: „recycled content according to RecyClass“.



Standard colours: grey

Material: PCR

Square bucket PCR series with handle and tamper-evident seal

Order No.	L mm	B mm	H1 mm	Capacity ml	Tamper-evident seal	IML In-Mould- Labelling	PU
EQ 001-3200 BO PCR	197,20	199,60	110,00	3.228	x	x	1.440
EQ 001-4200 BO PCR	197,20	199,60	141,00	4.142	x	x	1.440
EQ 001-5900 BO PCR	197,20	199,60	202,00	5.891	x	x	1.440
Order No.	L mm	B mm	H2 mm	Function	IML In-Mould- Labelling	PU	
D-EQ 001 K PCR	193,20	193,20	17,30	Tamper-evident lid	x	2.400	

Rectangular container PCR series with tamper-evident seal

Order No.	L mm	B mm	H1 mm	Capacity ml	Tamper evident closure	IML In-Mould- Labelling	PU
BR 002-660 O PCR	129,00	192,00	43,80	660	x		4.356
BR 002-1000 O PCR	129,00	192,00	62,50	1.000	x	x	4.356
BR 002-1200 O PCR	129,00	192,00	73,50	1.200	x	x	4.356
Order No.	L mm	B mm	H2 mm	Function	In-mould labelling	PU	
D-BR 002 K PCR	125,96	188,96	8,30	Tamper-evident lid	x	6.480	

Reduce

- + The use of post-consumer material saves up to 100% of resources.
- + Up to 60% less CO₂ emissions compared to virgin material.

Recycle

- + As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

AE-series, PCR | weld-spouts and caps made from Post-Consumer-Recyclate



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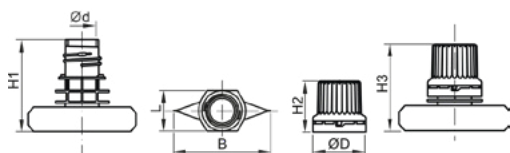
Our spouts and caps are made from 100% PCR material in the plastic content from the yellow bin, the yellow sack or other household recycling collections. This post-consumer recyclate (PCR) is made from used plastic products that have already gone through a complete life cycle.

Closed material loop.

Made from plastic = 97 % PCR material from household collections. This is how we close the loop.

Certified.

The proportion of PCR material is certified: "recycled content according to RecyClass".



Weldspouts (Filling through the weldspout)

PP order no.	Ø D mm	L mm	B mm	H1 mm	PU
AE 001-37 NU PCR	10,50	18,00	37,50	33,80	4.000
AE 003-40 N PCR	17,50	25,00	40,00	33,80	2.000
AE 004-50 N PCR	21,50	29,00	50,00	33,80	1.500

Standard colours: grey

Material: PCR

Screw caps

PP order no.	Ø D mm	H2 mm	Tamper evident closure	PU
C-AE 001 PCR	19,50	18,80		8.000
C-AE 001 O PCR	19,50	18,80	x	8.000
C-AE 003 PCR	26,90	18,80		4.000
C-AE 003 O PCR	26,90	18,80	x	4.000
C-AE 004 PCR	30,90	18,80		3.000
C-AE 004 O PCR	30,90	18,80	x	3.000

More sizes on request

Assembled versions on request.

Reduce

- + The use of post-consumer material saves up to 100% of resources.
- + Up to 60% less CO₂ emissions compared to virgin material.

Recycle

- + As PP mono-packaging, all requirements of mechanical recycling are fulfilled: NIR detection, floating-sink process.

Excellent and certified.



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