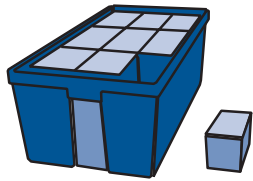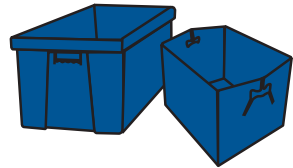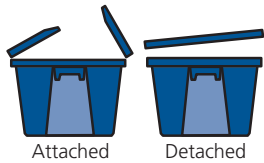# Hand-Held Containers Overview

What size containers do I need?
Consider your product mix, material handling procedures and product weight. A container that accommodates 90% or more of the items you ship is ideal. Also consider the type of freight carrier - by maximizing trailer cube, you can save more than 15% on shipping expenses.
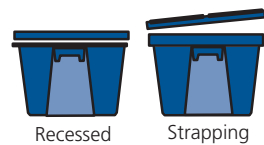
What material should I choose?
The choice of what container works best - whether it is metal, plastic, paperboard or other - depends on the specific operation and the product being shipped. Ideally, it will suit all the requirements of the application and provide the lowest, long-term cost. The savings of reusable plastic containers versus cardboard are well documented, and few companies can afford the high cost of throw-away containers.
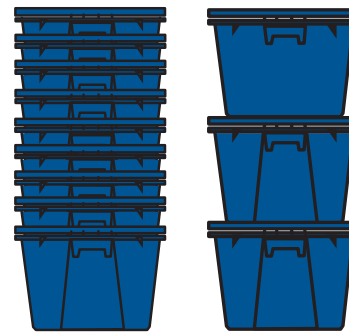
Attached   Detached

Recessed   Strapping

What type of lid is best?
There are many lid types: attached, detached, recessed and strapping. Detached lids permit ease of access to the container, while attached lids save time in handling and are less likely to be lost. Recessed lids aid in stacking by providing a perimeter lip, but limit internal space. Strapping lids allow for easy banding.

What other qualities are important?
Nestability – Nesting containers can save as much as 80% of the cube in return trips and in staging empties for return. Nesting is made possible by the taper of the container's sidewalls.

Stackability – Positive stacking containers not only save space in storage and shipping, but they also simplify handling because they are easier to move. Stacking ability is limited to the load-bearing capacity of the bottom container in the stack – to protect both the contents and the container against crushing.

Did You Know...?

Buckhorn just celebrated the 50th anniversary of the first plastic bakery tray. In 1965, Buckhorn created the tray for the Kroger Co., starting an industry-wide conversion. In fact, Buckhorn has a history of innovations in the hand-held category. We also developed the first attached lid, reusable distribution containers in the 1970s for shipping, picking and storing. And in the early 80s, Buckhorn introduced the first reusable container and pallet system for General Motors. Today, these modular nesting containers are still being used on assembly lines to deliver superior product protection and improve vehicle quality.

BUCKHORN®
CELEBRATING 50 YEARS

The best thing since sliced bread

Attached Lid Containers

Buckhorn offers Attached Lid Containers in many sizes and styles for shipping, picking and storage. Ideal for applications in distribution, grocery and general manufacturing, these containers deliver long-lasting, cost-saving performance.

Features and Benefits
- Containers nest for maximum space usage with lids open
- Ergonomic handles for easy lifting
- Easy-to-clean interiors
- Injection-molded HDPE construction resists impact, moisture and most chemicals
- Use with temperatures of -20˚ to 120˚ F
- Quick release textured label area on select models
- Customization and identification options available
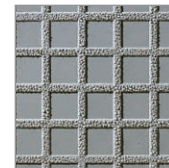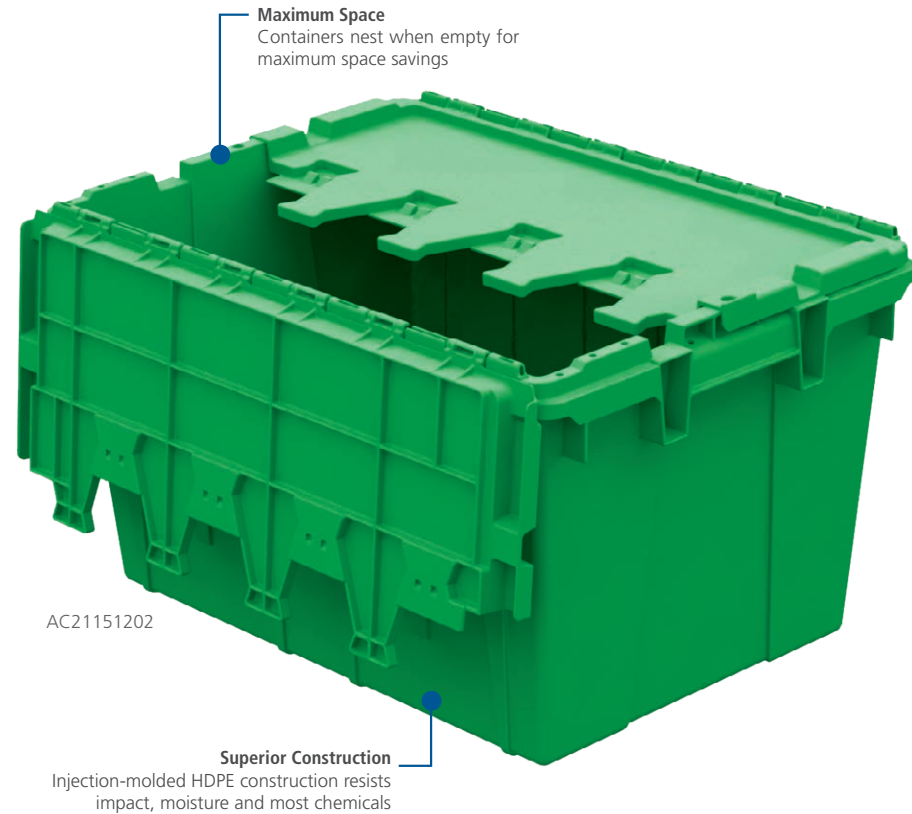- Backed by a one-year limited warranty
- 100% recyclable

Options
- Hot Stamps
- ID Labels
- Label Placards
- Cardholders
- Bar Coding
- Sequential Numbering
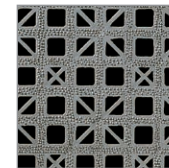- Standard Colors

See p. 77-80 for more information.

Maximum Space
Containers nest when empty for maximum space savings

AC21151202

Superior Construction
Injection-molded HDPE construction resists impact, moisture and most chemicals

Compatible Components

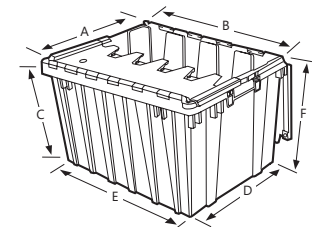| Hand-Held Container	Dolly
AC21150902, AC21150921, AC21151202, AC21151221, AR21151702	DY20140500, DY36200500

See p. 48 for more information.

Solid/Textured Bottom   **Open/Textured Bottom**

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.
All dimensions are approximate.

Attached Lid Specifications

AR24201202

AR25151302

AR27171202

AS28211502

AS34242012

Model No.	Footprint	Description	Dimensions (in.) Outside Top L" (A)	W" (B)	H" (C)	Inside Bottom L" (D)	W" (E)	Usable H" (F)	Weight Tare lbs.	Capacity Weight lbs.	Volume cu. ft.	Lid Type	Shipping Nest Ratio	Truck Capacity 53' Stacked	Nested
Attached Lid Containers															
AC21150902	21" x 15" x 9"	Solid/Textured Bottom	21.8	15.1	9.6	18.4	13.0	8.1	5.2	60	1.1	Recessed	4.3:1	1991	4872
mm/kg/l			553.7	383.5	243.8	467.4	330.2	205.7	2.4	27	31.1				
AC21150921	21" x 15" x 9"	Open/Textured Bottom	21.8	15.1	9.6	18.4	13.0	8.1	5.3	60	1.1	Recessed	4.3:1	1991	4872
			553.7	383.5	243.8	467.4	330.2	205.7	2.4	27	31.1				
AC21151202	21" x 15" x 12"	Solid/Textured Bottom	21.8	15.2	12.5	17.9	12.5	11.1	5.6	60	1.4	Recessed	5:1	1448	4320
			553.7	386.1	317.5	454.7	317.5	281.9	2.5	27	39.6				
AC21151221	21" x 15" x 12"	Open/Textured Bottom	21.8	15.2	12.5	17.9	12.5	11.1	5.7	60	1.4	Recessed	5:1	1448	4320
			553.7	386.1	317.5	454.7	317.5	281.9	2.6	27	39.6				
AR20120702	20" x 12" x 7"	Solid/Textured Bottom	20.0	11.7	7.5	16.9	9.6	6.1	3.8	40	0.6	Recessed	3:1	3720	6480
			508.0	297.2	190.5	429.3	243.8	154.9	1.7	18	17.0				
AR20120721	20" x 12" x 7"	Open/Textured Bottom	20.0	11.7	7.5	16.9	9.6	6.1	3.8	40	0.6	Recessed	3:1	3720	6480
			508.0	297.2	190.5	429.3	243.8	154.9	1.7	18	17.0				
AR21151702	21" x 15" x17"	Solid/Textured Bottom	21.8	15.3	17.0	17.9	12.5	15.9	6.9	60	2.1	Recessed	5.4:1	600	3120
			553.7	388.6	431.8	454.7	317.5	403.9	3.1	27	59.5				
AR24201202	24" x 20" x 12"	Solid/Textured Bottom	24.0	19.5	12.6	20.5	16.6	10.8	8.1	80	2.3	Recessed	5.6:1	1000	3840
			609.6	495.3	320.0	520.7	421.6	274.3	3.7	36	65.1				
AR25151302	25" x 15" x 13"	Solid/Textured Bottom	24.5	15.0	13.2	21.0	12.2	11.8	7.4	45	1.7	Recessed	5.9:1	896	3224
			622.3	381.0	335.3	533.4	309.9	299.7	3.4	20	48.1				
AR27171202	27" x 17" x 12"	Solid/Textured Bottom	27.0	16.9	12.5	23.5	13.8	10.9	8.2	100	2.3	Recessed	4.3:1	1072	3432
			685.8	429.3	317.5	596.9	350.5	276.9	3.7	45	65.1				
AR27171221	27" x 17" x 12"	Open/Textured Bottom	27.0	16.9	12.5	23.5	13.8	10.9	8.2	100	2.3	Recessed	4.3:1	1072	3432
			685.8	429.3	317.5	596.9	350.5	276.9	3.7	45	65.1				
AS22131202	22" x 13" x 12"	Solid/Textured Bottom	22.3	12.8	12.9	18.8	10.1	11.8	6.0	60	1.3	Strapping	4:1	1568	4702
			566.4	325.1	327.7	477.5	256.5	299.7	2.7	27	36.8				
AS22131221	22" x 13" x 12"	Open/Textured Bottom	22.3	12.8	12.9	18.8	10.1	11.8	6.0	60	1.3	Strapping	4:1	1568	4702
			566.4	325.1	327.7	477.5	256.5	299.7	2.7	27	36.8				
AS28211502	28" x 21" x 15"	Solid/Textured Bottom	28.0	20.8	15.4	25.0	18.0	14.0	12.6	100	3.6	Strapping	2.8:1	624	1496
			711.2	528.3	391.2	635.0	457.2	355.6	5.7	45	101.9				
AS34242012	34" x 24" x 20"	Solid/Smooth Bottom, Open Handholds	34.0	24.0	19.6	29.9	19.5	18.1	19.0	100	6.1	Strapping	2.7:1	390	816
			863.6	609.6	497.8	759.5	495.3	459.7	8.6	45	172.7				

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