

# StakPak Lids and Options

Automotive Components ■ Bearings ■ Hardware ■ Industrial Equipment  
 ■ Metal Parts ■ Plastics and Rubber ■ Resins and Powders ■ Tools



ORBIS offers a variety of cover options, including **attached-lid** or **detached lids**. Covers protect product from dust and contaminants during storage and transport.

ORBIS also offers specific **identification options** for StakPak containers, including snap-on cardholders, labels and hot stamping.

Please note that not all options are available on all containers. Contact your ORBIS representative for more details on placement, orientation, availability, minimum order quantities, lead times and set-up charges. Nominal specifications subject to changes without notice.

## Specifications (Upper Dimensions: English, Lower Dimensions: Metric) Outside dimensional tolerance of +/- .05".

Model	Bottom Style			Containers per Layer 45" x 48"	Outside Dimensions				Inside Dimensions				Height	Product Clearance*		Weight (lb.) +/- 3%		Volume (cu. ft.)		Truck-load Quantity 53' Trailer
	Smooth (M)	Textured (S)	Reinforced (R)		Top		Bottom		Top		Bottom			M/S	R	M/S	R	M/S	R	
					L	W	L	W	L	W	L	W								
<b>CONTAINERS WITH ATTACHED LIDS</b>																				
NSOANI215-7	M			12	12.0 (305)	15.0 (381)	12.0 (305)	15.0 (381)	9.7 (246)	13.3 (338)	9.4 (239)	13.0 (330)	7.5 (191)	6.6 (168)	-	2.9 (1.3)	-	0.48 (.014)	-	3,744
NSOANI215-9	M			12	12.0 (305)	15.0 (381)	12.0 (305)	15.0 (381)	9.7 (246)	13.3 (338)	9.4 (239)	13.0 (330)	9.5 (241)	8.6 (218)	-	3.2 (1.5)	-	0.62 (.018)	-	3,120
NSOAN2415-7	M			6	24.0 (610)	15.0 (381)	24.0 (610)	15.0 (381)	21.7 (551)	13.3 (338)	21.4 (544)	13.0 (330)	7.5 (191)	6.6 (168)	-	5.2 (2.4)	-	1.10 (.031)	-	2,028
NSOAN2415-9	M			6	24.0 (610)	15.0 (381)	24.0 (610)	15.0 (381)	21.7 (551)	13.3 (338)	21.4 (544)	13.0 (330)	9.5 (241)	8.6 (218)	-	5.6 (2.5)	-	1.43 (.040)	-	1,560
NSOAN2415-11.5	M			6	24.0 (610)	15.0 (381)	24.0 (610)	15.0 (381)	21.7 (551)	13.3 (338)	21.4 (544)	13.0 (295)	11.6 (274)	10.8 (274)	-	6.5 (3.0)	-	1.79 (.051)	-	1,248
NSOAN2415-14	M			6	24.0 (610)	15.0 (381)	24.0 (610)	15.0 (381)	21.7 (551)	13.3 (338)	21.4 (544)	13.0 (330)	14.6 (371)	13.8 (351)	-	7.3 (3.3)	-	2.28 (.065)	-	936
SOA2411-9		S		8	24.0 (610)	11.2 (284)	24.0 (610)	11.2 (284)	21.7 (551)	9.6 (244)	21.4 (544)	9.3 (236)	9.5 (241)	8.5 (216)	-	5.6 (2.5)	-	2.26 (.064)	-	2,080
<b>DETACHED LIDS</b>																				
RCSO1207-1	-	-	-	-	12.0 (305)	7.4 (188)	-	-	-	-	-	-	-	-	-	0.4 (0.2)	-	-	-	-
RCSO1215-1	-	-	-	-	12.0 (305)	15.0 (381)	-	-	-	-	-	-	-	-	-	0.8 (0.3)	-	-	-	-
RCSO2415-1	-	-	-	-	24.0 (569)	15.0 (381)	-	-	-	-	-	-	-	-	-	2.1 (1.0)	-	-	-	-
RCSO2411-1	-	-	-	-	24.0 (610)	11.2 (284)	-	-	-	-	-	-	-	-	-	1.0 (0.5)	-	-	-	-
RCSO2422-1**	-	-	-	-	24.0 (610)	22.4 (569)	-	-	-	-	-	-	-	-	-	2.6 (1.2)	-	-	-	-
RCSO3215-1	-	-	-	-	32.0 (813)	15.0 (381)	-	-	-	-	-	-	-	-	-	1.8 (0.8)	-	-	-	-

\* When containers are stacked on top of each other, approximately 1/2" is lost to nesting. Example: Bottom container in a stack is 7.5" in height. Containers of the same height stacked on top of it are 7.0" in height.  
 \*\* Does not fit SO2422-7 or SO2422-9. Works with NSO containers in the same footprint.

## Identification Options

Model	Outside Dimensions		Description	Fits Container Heights	Fits Card Size
	H	L			
CHSO291	3.3	8.5	Polypropylene	4"	4.0 x 8.3
CHSO36	4.0	7.7	Polypropylene	5"	4.0 x 6.0
CHSO391	3.8	8.5	Polypropylene	5"	4.0 x 8.3
CHSO46	4.6	7.7	Polypropylene	7" & taller	4.0 x 6.0
CHSO491	4.6	8.5	Polypropylene	7" & taller	4.0 x 8.3
CHFC46	4.0	8.4	HDPE Long Boxes	Long Boxes	4.0 x 6.0
CHFC49	4.0	8.4	HDPE Long Boxes	Long Boxes	4.0 x 8.3
Placard*	2.0	6.5	Adhesive	4"	N/A
Placard*	4.5	6.5	Adhesive	5" & taller	N/A
CHV73-NFH2	3.3	7.8	Adhesive	5" & taller	4.0 x 6.0
Clip, CHSO Spring	3.3	0.8	ZP Metal	All	N/A

\* Patented process #5,625,858 owned by The Kennedy Group



CHSO491



Label Placard 4.5 x 6.5"



Customized Hot Stamp



Smart Placard

Cardholders are manufactured in polyethylene and quickly snap onto StakPaks, for instant identification. These cardholders, available in a wide variety of sizes to fit on different containers, accommodate removable cards with bar codes and other identification documents.

StakPaks accommodate the **Label Placards**, developed by The Kennedy Group. Completely removable and replaceable, these label placards accommodate all types of labels. They are available in two sizes:

- 2.0" x 6.5" for 4" StakPaks
- 4.5" x 6.5" for StakPaks 5" or taller

Various Hot Stamp identification is also available for StakPaks. **Loose Letter Hot Stamp** identification allows for 1" capital letters in a pre-defined area of the container. A **Customized Hot Stamp** is needed if the number of letters exceeds the available space, or if a company logo is desired. The original artwork must be supplied to ORBIS at the time of the order. Size and available location of the hot stamp will vary for each container. Minimum shipment is required. Contact your ORBIS representative for more details on placement, orientation, availability, minimum order quantities, lead times and set-up charges.

StakPaks accommodate the **Smart Placard™** Radio Frequency Identification (RFID) system, developed by The Kennedy Group. This solution stores information for the efficient tracking and identification of containers, pallets and other material handling products. The reusable system provides longevity for multiple trips to reduce the cost per tag, while allowing easy removal and replacement of labels.

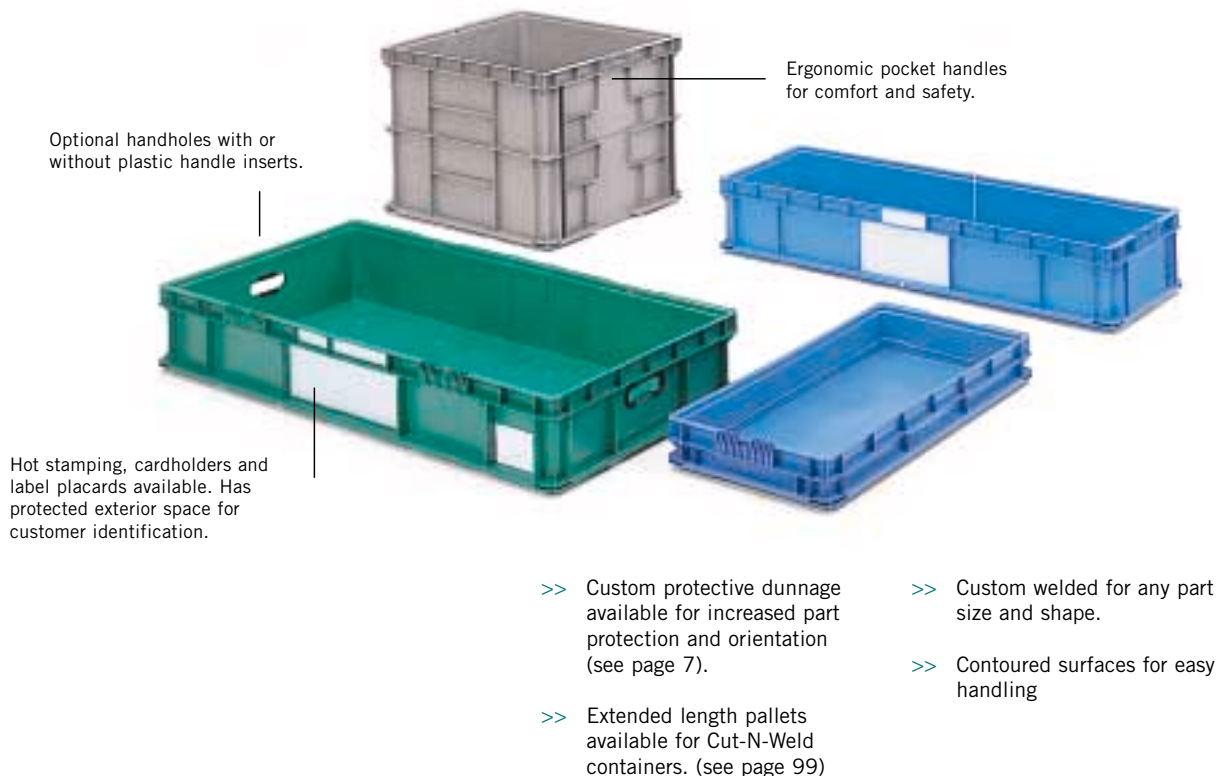


# StakPak Cut-N-Weld™ Containers

Automotive Components ■ Bearings ■ Hardware ■ Industrial Equipment  
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Add length, width or height to an existing injection-molded StakPak to create a durable, reusable container to fit your application. A Cut-N-Weld container offers the strength of injection

molding and a short lead time, while eliminating the tooling costs associated with a custom order. Multiple identification options available. (See opposite page.)



## AISIN Optimizes their Operations with ORBIS

**Aisin USA** is a leader in the design and production of high-quality automotive components, including door frames, roofs, latching systems, brakes, engines, seating and trim molding, for today's leading automakers (OEMs) and suppliers. At its Seymour, Ind., facility, it runs more than 275 production lines a day and fills more than 100 truckloads. As a Tier 1 supplier, Aisin manufactures components from beginning to end and ships directly to major automotive manufacturers. Aisin also acts as a Tier 2 supplier, creating OEM components from parts supplied entirely by vendors.

In addition to the sheer volume and complexity of processes, Aisin must meet size and weight guidelines for shipping, while maintaining part quality and integrity. Using expendable corrugated packaging was difficult and costly. Also, Aisin often had odd-shaped parts that were larger than standard container sizes and finding containers to accommodate unique sizes was critical to optimizing part shipments. With so many parts in process, there were a substantial number of containers in storage so the container sizes needed to be versatile enough to fulfill a variety of needs throughout the system at any given time.

After analyzing Aisin's system and flow of material, ORBIS recommended the plastic reusable Stakpak CrossPak™ container system. The straight-wall design holds more parts per container and because their rigid walls won't sag or bend, they offer tremendous part protection. The CrossPak has an innovative interlocking bottom that allows the combination of different containers with different heights to be stacked on a 45" x 48" pallet, creating a modular load so more parts reach the line in the order and quantity needed.

- Reduced packaging costs - through reusability
- Optimized transportation
- Enabled tracking and inventory control
- Improved part protection
- Improved part density
- Optimized storage

ORBIS' Cut-N-Weld™ technology adds length, width or height to an existing container to hold larger, odd-shaped parts. All ORBIS containers feature an attached cardholder, so Aisin can easily track containers and maintain inventory.



Interested in recycling your plastic containers at the end of their service life? "Recycle with ORBIS" is a convenient program designed to effectively recover, recycle and reprocess plastic containers into other useful products. To learn more, contact your ORBIS Sales Representative.