

StakPak System

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



The StakPak System offers more than 20 straight-wall modular containers with advanced features to optimize your reusable packaging system. These containers are automation friendly and the attached-lid containers have an all-plastic hinge to make the container 100% recyclable. The StakPak container system is designed for just-in-time applications where the same containers are used for shipping, storage and work-in-process.

StakPaks are ideal for all types of line-side applications in automotive, aerospace and heavy truck manufacturing. Custom

protective dunnage is available in foam and plastic corrugated materials to protect parts and components as they travel from supplier to manufacturer.

Selected containers are also available in the CrossPak™ style. These containers feature a reinforced container bottom (R) that offer the ability to stack large containers on small containers to optimize pallet loads. See chart on page 14 for the styles available with a reinforced bottom. Multiple identification options available. (See page 15.)



Improved ergonomic handle on two sides for easy lifting. Fingertip handles on adjacent sides (7" and taller).

Continuous bumper to keep dirt and dust from contaminating product.

Drain holes in bumper and handles for washing.

Lifting slots compatible with robotic lift and manual lift assist equipment.

Innovative CrossPak™ design offers secure stacking of mixed container loads.

Smooth, straight interior walls offer maximum cube utilization and easy cleaning. The solid, smooth bottom helps noise reduction.

On pallet:
 SO4815-7 (grey)
 NSO2415-4 (green)
 NSO1215-5 (blue)
 NSO2415-7 (grey)
 NSO1215-4 (green)
 NSO2415-14 (blue)

On Pallet:
 NSO2422-9 (grey)
 NSO2422-11 (green)
 NSO2422-14 (blue)

SO2415-11 on SO4815-11

NSOA1215-7 (grey) on NSOA2415-11 (green)

NSO2415-4

NSO1215-4 with CHSO291 cardholder

CHSO491 cardholder

45x48-B MI C1SF LP pallet

SO4822-7

SO3215-7

On pallet: (Columns, left to right)

Left Column: NSO1215-5 (blue); NSO1207-5 (grey) with RCSO1207-1 cover and CHSO391 cardholder on NSO1215-7 (green); NSO1215-9 (green) and NSO1215-7 (grey) on NSO1215-7 (blue).

Middle Column: NSO2415-5 (green) with RCSO2415-1 cover and NSO2415-9 (blue) with cardholder.

Right Column: NSO2415-4 (blue) on NSO 2415-7 (grey) and NSO2415-7 (grey)

Stacked Pallet Loads:

NSO1215-9 (blue) on 45x48-C SBRR C1SF LP pallet with 45x48 MP 2 TOPCAP
 NSO2415-14 (green) on 45x48-C C1SF LP pallet with 45x48 MP 2 TOPCAP

- >> Multiple NSO models are available in CrossPak™ style, with reinforced (R) container bottoms, for the ability to mix loads and stack large containers on small containers.
- >> SO models offer textured bottom (S)
- >> Custom protective dunnage available for increased part protection and orientation. (See page 7.)
- >> Reinforced external ribbing adds maximum stacking strength.
- >> Detachable covers available for most models.
- >> Compatible with AIAG pallets, top caps and seat belt systems. (See page 83).
- >> Ventilated (SOV) version available on NSO2422-7 and NSO2422-9.

Model	Bottom Style			Containers per Layer 45"x 48"	Outside Dimensions				Inside Dimensions				Height	Product Clearance*		Weight (lb.) +/- .3%		Volume (cu. ft.)		Truckload 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									
NSO1207-5	M			24	12.0 (305)	7.4 (188)	12.0 (305)	7.4 (188)	9.7 (246)	5.8 (147)	9.4 (239)	5.5 (140)	5.0 (127)	4.5 (114)	-	-	1.1 (.05)	-	0.13 (.004)	-	7,488
NSO1215-4	M		R	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)	4.0 (102)	3.4 (86)	2.9 (74)	1.5 (.07)	2.1 (1.0)	0.25 (.007)	0.21 (.006)	6,864	
NSO1215-5	M		R	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)	5.0 (127)	4.4 (112)	3.8 (97)	1.6 (.09)	2.2 (1.0)	0.32 (.009)	0.29 (.008)	6,240	
NSO1215-7	M		R	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)	6.8 (173)	6.3 (160)	2.2 (1.0)	2.8 (1.3)	0.56 (.016)	.47 (.013)	4,056	
NSO1215-9	M		R	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)	8.8 (224)	8.3 (211)	2.5 (1.1)	3.1 (1.4)	0.62 (.018)	0.62 (.018)	3,120	
NSO1615-7		S		9	16.0 (406)	15.0 (381)	16.0 (406)	15.0 (381)	13.3 (338)	13.4 (341)	13.0 (330)	12.9 (328)	7.5 (191)	6.8 (173)	-	2.9 (1.32)	-	0.68 (.019)	-	3,042	
NSO1615-9		S		9	16.0 (406)	15.0 (381)	16.0 (406)	15.0 (381)	13.3 (338)	13.4 (341)	13.0 (330)	12.9 (328)	9.5 (241)	8.8 (224)	-	3.3 (1.50)	-	0.87 (.025)	-	2,340	
SO2411-9		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)	8.7 (221)	-	4.3 (2.0)	-	1.03 (.029)	-	2,080	
NSO2415-4	M		R	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)	4.0 (102)	3.4 (86)	2.9 (74)	2.6 (1.2)	3.6 (1.6)	0.56 (.016)	.47 (.013)	3,900	
NSO2415-5	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 (330)	5.0 (127)	4.4 (114)	-	3.0 (1.4)	-	0.72 (.020)	-	3,120	
NSO2415-7	M		R	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)	6.8 (173)	6.3 (160)	3.6 (1.6)	4.6 (2.1)	1.09 (.031)	1.01 (.029)	2,028	
NSO2415-9	M		R	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)	8.8 (224)	8.3 (211)	4.4 (2.0)	5.0 (2.3)	1.42 (.040)	1.39 (.039)	1,560	
NSO2415-11.5	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 (330)	11.5 (292)	10.9 (277)	-	5.0 (2.3)	-	1.78 (.050)	-	1,248	
NSO2415-11			R	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)	11.0 (279)	-	9.8 (249)	-	6.0 (2.7)	N/A (.047)	1.67 (.047)	1,248	
NSO2415-14	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)	14.5 (368)	13.8 (351)	-	5.7 (2.6)	-	2.20 (.062)	-	936	
SO2415-14			R	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)	14.5 (368)	-	13.3 (338)	-	8.3 (3.8)	N/A (.061)	2.14 (.061)	864	
NSO2422-7	M		R	4	24.0 (610)	22.5 (572)	24.0 (610)	22.5 (572)	21.7 (551)	20.8 (528)	21.4 (544)	20.5 (521)	7.5 (191)	6.8 (173)	6.3 (160)	4.8 (2.2)	6.2 (2.3)	1.78 (.050)	1.64 (.046)	1,352	
NSO2422-9	M			4	24.0 (610)	22.5 (572)	24.0 (610)	22.5 (572)	21.7 (551)	20.8 (528)	21.4 (544)	20.5 (521)	8.7 (221)	8.1 (206)	-	4.9 (2.2)	-	2.06 (.058)	-	1,144	
NSO2422-11	M		R	4	24.0 (610)	22.5 (572)	24.0 (610)	22.5 (572)	21.7 (551)	20.8 (528)	21.4 (544)	20.5 (521)	10.9 (277)	10.4 (264)	9.8 (249)	6.3 (2.9)	7.8 (3.5)	2.64 (.075)	2.56 (.072)	936	
NSO2422-14	M		R	4	24.0 (610)	22.5 (572)	24.0 (610)	22.5 (572)	21.7 (551)	20.8 (528)	21.4 (544)	20.5 (521)	14.5 (368)	13.8 (35)	13.3 (338)	7.1 (3.2)	8.5 (3.9)	3.50 (.099)	3.47 (.098)	612	
SO3215-7		S		4	32.0 (813)	15.0 (381)	32.0 (813)	15.0 (381)	29.7 (754)	13.3 (338)	29.4 (747)	13.0 (330)	7.5 (191)	6.7 (170)	-	5.8 (2.5)	-	1.50 (.042)	-	1,352	
SO4815-7			R	3	48.0 (1,219)	15.0 (381)	48.0 (1,219)	15.0 (381)	45.7 (1,161)	13.3 (338)	45.4 (1,153)	13.0 (330)	7.5 (191)	-	6.3 (168)	-	8.3 (3.2)	-	2.30 (.065)	1,014	
SO4815-11			R	3	48.0 (1,219)	15.0 (381)	48.0 (1,219)	15.0 (381)	45.7 (1,161)	13.3 (338)	45.4 (1,153)	13.0 (330)	10.8 (274)	-	9.6 (251)	-	10.1 (3.8)	-	3.50 (.099)	624	
SO4822-7			R	2	48.0 (1,219)	22.5 (572)	48.0 (1,219)	22.5 (572)	45.7 (1,161)	20.8 (528)	45.4 (1,153)	20.5 (521)	7.3 (185)	-	6.3 (160)	-	9.8 (4.4)	-	3.50 (.099)	676	

* 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.

See next page for attached and detached lid options.



Smooth bottom (M)



Textured bottom (S)



Reinforced bottom (R)



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.