

STACKABLE TOTES

MASTER SPECIFICATION SHEET

4 configurations · 2 heights × 2 styles · Engineered for automated warehouse environments.

STACKABLE TOTES

4 CONFIGURATIONS · 2 HEIGHTS × 2 STYLES

[Line-level photography · pending V2]

POSITIONING

Plastic tote line engineered for automated warehouse environments, AS/RS systems, and high-throughput distribution operations. Four configurations cover the standard matrix: 2 heights (Tall, Low) × 2 styles (Solid, Vented).

VALIDATED PERFORMANCE

± 0.5 mm production tolerance for automated handling. 99.94% AI-vision QA inspection rate. Consistent geometry across production runs.

USE CASES

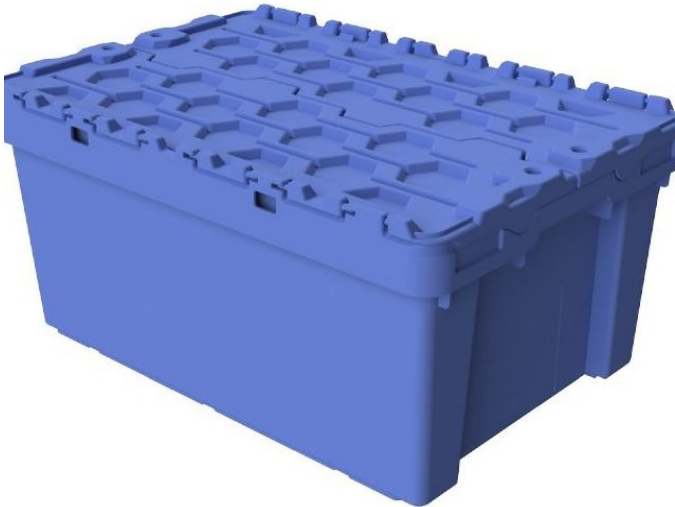
Distribution warehouse picking, AS/RS storage, e-commerce fulfillment, F&B cold chain, conveyor-integrated sortation, returns processing, goods-to-person workstations.

APPLICABLE CERTIFICATIONS

ISO 9001 · USMCA-COMPLIANT · FDA-GRADE AVAILABLE · USP CLASS VI AVAILABLE

TOTE-TALL-SOLID-01

Stackable Tote · Tall · Solid



SPECIFICATIONS

EXT. DIMENSIONS	23.6 × 15.7 × 11.5	L × W × H IN
INT. DIMENSIONS	Per program	L × W × H IN
VOLUME	12.4	GAL
WEIGHT EMPTY	6.6	LB
LOAD CAPACITY	Per program	LB
MATERIAL	Polyethylene (HDPE)	
COLOR	Blue	
TYPE	Attached-Lid · Solid	
TOLERANCE	± 0.5	MM
UNITS / STACK	80	
STACK HEIGHT	83	IN MAX
TRUCKLOAD QTY	2,080	PCS

USE CASES

General distribution warehousing and fulfillment. Solid walls retain small and loose product during AS/RS conveyance and AMR transport. Engineered for e-commerce pick-and-pack, retail backroom replenishment, and returns processing where product visibility is not required.

AUTOMATION COMPATIBILITY

AS/RS · AMR · AUTOSTORE-CLASS · CONVEYOR-INTEGRATED

CERTIFICATIONS APPLICABLE

ISO 9001 · USMCA-COMPLIANT · FDA-GRADE AVAILABLE

± 0.5 MM PRODUCTION TOLERANCE · 99.94% AI-VISION QA INSPECTION · 100% LOT TRACEABILITY

TOTE-TALL-VENTED-01

Stackable Tote · Tall · Vented



SPECIFICATIONS

EXT. DIMENSIONS	23.6 × 15.7 × 11.5	L × W × H IN
INT. DIMENSIONS	Per program	L × W × H IN
VOLUME	12.4	GAL
WEIGHT EMPTY	6.2	LB
LOAD CAPACITY	Per program	LB
MATERIAL	Polyethylene (HDPE)	
COLOR	Green	
TYPE	Attached-Lid · Vented	
TOLERANCE	± 0.5	MM
UNITS / STACK	80	
STACK HEIGHT	83	IN MAX
TRUCKLOAD QTY	2,080	PCS

USE CASES

F&B distribution and cold-chain handling. Vented walls support air circulation for produce, dairy, and bakery distribution. NSF/3-A compatible material options for food contact applications in AS/RS-equipped distribution centers.

AUTOMATION COMPATIBILITY

AS/RS · AMR · CONVEYOR-INTEGRATED

CERTIFICATIONS APPLICABLE

ISO 9001 · USMCA-COMPLIANT · FDA-GRADE AVAILABLE · NSF / 3-A

± 0.5 MM PRODUCTION TOLERANCE · 99.94% AI-VISION QA INSPECTION · 100% LOT TRACEABILITY

TOTE-LOW-SOLID-01

Stackable Tote · Low · Solid



SPECIFICATIONS

EXT. DIMENSIONS	23.6 × 15.7 × 8.9	L × W × H IN
INT. DIMENSIONS	Per program	L × W × H IN
VOLUME	9.2	GAL
WEIGHT EMPTY	5.8	LB
LOAD CAPACITY	Per program	LB
MATERIAL	Polyethylene (HDPE)	
COLOR	Red	
TYPE	Attached-Lid · Solid	
TOLERANCE	± 0.5	MM
UNITS / STACK	80	
STACK HEIGHT	80	IN MAX
TRUCKLOAD QTY	2,080	PCS

USE CASES

High-density picking operations using low-profile totes. Solid walls suit small-parts containment for automotive components, e-commerce SKU consolidation, and conveyor-fed sortation where stack height is constrained.

AUTOMATION COMPATIBILITY

AS/RS · AUTOSTORE-CLASS · CONVEYOR-INTEGRATED

CERTIFICATIONS APPLICABLE

ISO 9001 · USMCA-COMPLIANT

± 0.5 MM PRODUCTION TOLERANCE · 99.94% AI-VISION QA INSPECTION · 100% LOT TRACEABILITY

TOTE-LOW-VENTED-01

Stackable Tote · Low · Vented



SPECIFICATIONS

EXT. DIMENSIONS	23.6 × 15.7 × 8.9	L × W × H IN
INT. DIMENSIONS	Per program	L × W × H IN
VOLUME	9.2	GAL
WEIGHT EMPTY	5.8	LB
LOAD CAPACITY	Per program	LB
MATERIAL	Polyethylene (HDPE)	
COLOR	Yellow	
TYPE	Attached-Lid · Vented	
TOLERANCE	± 0.5	MM
UNITS / STACK	80	
STACK HEIGHT	80	IN MAX
TRUCKLOAD QTY	2,080	PCS

USE CASES

Low-profile vented containment for F&B picking lanes, cold-chain order fulfillment, and goods-to-person workstations. AutoStore-class dimensions for automated grid-storage operations requiring air circulation.

AUTOMATION COMPATIBILITY

AS/RS · AMR · AUTOSTORE-CLASS · CONVEYOR-INTEGRATED · GOODS-TO-PERSON

CERTIFICATIONS APPLICABLE

ISO 9001 · USMCA-COMPLIANT · FDA-GRADE AVAILABLE · NSF / 3-A

± 0.5 MM PRODUCTION TOLERANCE · 99.94% AI-VISION QA INSPECTION · 100% LOT TRACEABILITY

MANUFACTURING & QUALITY STANDARDS

ISO 9001

Quality management system certified manufacturing across all tote production lines.

USMCA-COMPLIANT

Manufacturing compliant with United States-Mexico-Canada Agreement requirements.

FDA-GRADE AVAILABLE

Material specifications meeting FDA food contact requirements available on program inquiry.

NSF / 3-A

Standards applicable to food and dairy contact applications — available per program specification.

USP CLASS VI AVAILABLE

Material specifications meeting USP Class VI biocompatibility available on program inquiry.

AS/RS COMPATIBLE

Engineered to ± 0.5 mm tolerance for automated storage and retrieval system compatibility.

HDPE MATERIALS

Standard tote production in high-density polyethylene — widely recyclable in industrial streams.

LOT TRACEABILITY

100% lot traceability with full chain-of-custody documentation available.

NOTES

Certifications listed are applicable across PTM's stackable tote manufacturing platform. Material-level options (FDA-Grade, USP Class VI, NSF / 3-A) are available on program inquiry and require specification at the design phase. Sustainability documentation and ESG reporting support available on request.

LET'S BUILD IT.

ENGINEER RESPONSE WITHIN FOUR BUSINESS HOURS

US ET · 9 AM - 6 PM · Firm quote within one business day.

PTM USA

175 SW 7th St, 11th floor
Miami, FL 33130
United States

+1 817 205 2070

PTM.US

40+

ENGINEERS

5

U.S. DCs

60+

COMPOUNDS

99.94%

AI-QA RATE
