

Cape Pack 22.07

What's New?

July 2022



Cape Pack – 22.07

- Cape Pack is now available in a SaaS version that runs ‘end-to-end’ in the cloud
- Most features from legacy Cape Pack Pallet Group and Arrange Group are included in this cloud release
- Cape Pack Subscription enables access to the cloud and the desktop versions
- Subscription users can work exclusively on the cloud (*no desktop software needed*)
 - Pallet loading, Arrange product in cases, load formatting, reporting
- Advanced features (*not yet available on the cloud*) are available on the desktop
 - Solutions can be uploaded/saved to the cloud for viewing and sharing

Firefox Cape Pack x +

https://cape.eu.esko.cloud

Create New Analysis

Choose your Analysis type, input data and click Calculate.

Choose Analysis Type

Default Settings Units of Measure

Build a Pallet
Use a fixed sized outer pack to create pallet patterns and/or load trucks.

Product Name*: Pallet - Cases/Trays Customer: Project Name:

Product Code:

Secondary Pack Details

Pack Type: Select From Library

Pack Name: Case

Net Weight: 2.2000 Gross Weight: 3.5000

Length: 16.0000 Width: 12.0000 Height: 10.0000

Outside Dimensions: Dimensions Vertical: ☐ ☐ ☒

Change Color: Case Content

Load Details

Calculate

login to Cape via Esko Cloud

create a new pallet analysis

create the optimal sized
case for products

RD

New

Rerun

Single Size

Mixed Size

Databases

My Network

Settings

Trial Expires On 31 Jul 2022

Help

Primary Pack Details


Pack Type

Select From Library

Pack Name

Cylinder

Cosmetic Bottle



Change Color

Bundle Input

Top Diameter

3.5000

Bottom Diameter

3.5000

Height

12.0000

Outside Dimensions:

Dimensions Vertical:

☐

☒

Weights:

Net

0.2210

Gross

0.3300

Secondary Pack Details

Pack Type

Select From Library

Pack Name

RSC

Thickness

0.1600


LB/MSF

112.0000

Max. RSC Weight

50.0000

RSC/F0201 (2,2,4)



Change Color

Length

2.0000

Width

2.0000

Height

4.0000

Number of Thicknesses:

2.0000

2.0000

4.0000

Min (OD):

1.0000

1.0000

1.0000

Max (OD):

20.0000

20.0000

20.0000

Slack In:

0.0000

0.0000

0.0000

Dimensions Vertical:

☐

☐

☒

Divider/Partition

2-Way

Thickness

0.1600

LB/MSF

112.0000

Pack Type Library

Search

Search

Explore


▶ Cartons / Bags / Bottles

▶ Cylinders / Round Bottles

▶ Trapezoids / Totes


Create New Shape

Upload File




Select or Drag & Drop file.


Choose From The List




Cylinder




Champagne Bottle




Soda Can




Food Can




Glass Bottle




Hex Jar




Cosmetic Bottle




Drink Bottle



Red Wine Bottle



Sweet Wine bottle



Trigger bottle

Previous

1

Next

Showing 1-11 of 12

Cancel

Select

customize your library of pack types
by adding 3D Collada models

Firefox File Edit View History Bookmarks Tools Window Help

Cape Pack x +

https://cape.eu.esko.cloud

Use a fixed sized outer pack to create pallet patterns and/or load trucks.

Product Code: Project Name:

Secondary Pack Details

Pack Type: Select From Library

Pack Name: Case

Net Weight: 2.2000 Gross Weight: 3.5000

RSC/F0201 (2,2,4)

Outside Dimensions: Length: 16.0000 Width: 12.0000 Height: 10.0000

Dimensions Vertical: ☐ ☐ ☒

Change Color

Case Content

More Settings

Load Details

Pallet / Truck Type: Select From Library

48x40

Pallet Dimensions: Length: 48.0000 Width: 40.0000 Height: 5.0000 Weight: 50.0000

Load Limits: Max. Height: 65.0000 Max. Weight: 2000.0000

Overhang / Underhang: Length: 0.0000 Width: 0.0000

Loading Patterns More Settings

Calculate

all data entry
is online

calculate after
data entry

Primary Pack Details

Pack Type: Pack Name:

Cosmetic Bottle

Top Diameter: 3.5000 Bottom Diameter: 3.5000 Height: 12.0000

Outside Dimensions: 3.5000 3.5000 12.0000

Dimensions Vertical: ☐

Weights: Net: 0.2210 Gross: 0.3300

Change Color

Bundle Input

Secondary Pack Details

Pack Type: Pack Name: Thickness: 0.1600 LB/MSF: 112.0000 Max. RSC Weight: 50.0000

RSC/F0201 (2,2,4)

Length: 2.0000 Width: 2.0000 Height: 4.0000

Min (OD): 1.0000 1.0000 1.0000

Max (OD): 20.0000 20.0000 20.0000

Slack In: 0.0000 0.0000 0.0000

Dimensions Vertical: ☐

Divider/Partition: Thickness: 0.1600 LB/MSF: 112.0000

create optimized case
size for products

calculated solutions
are displayed online

Choose your Analysis type, input data and click Calculate.

Choose Analysis Type

Product Name: RIDR-Water Bottl Customer: Specialty Brands Ir

Product Code: SKU#22-61799 Project Name: Summer Launch

Calculate

Solution Report

Click on View Report to Save your Current Analysis and Solution, and open the Report Builder page.

Click on Save Analysis/Solution to save your analysis and continue to work on current or new solutions. You can save multiple solutions for any analysis.

Quick Report

Product Length	44.5600	10	Per Layer
Product Width	37.0800	4	Layers
Product Height	50.5600	40	RSC/Load
Solution Number	31	12	Water Bottle/RSC
Area Used	85.9%	480	Water Bottle/Load
Cube Used	73.0%		

View Report Save Analysis/Solution

select a solution
and save

RD

New

Rerun

Single Size

Mixed Size

Databases

My Network

Settings

Trial Expires On 31 Jul 2022

Help

Primary Pack Details

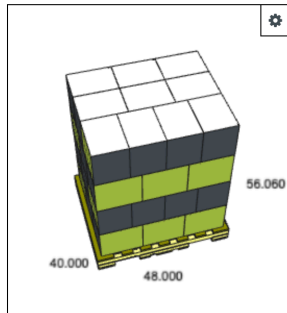
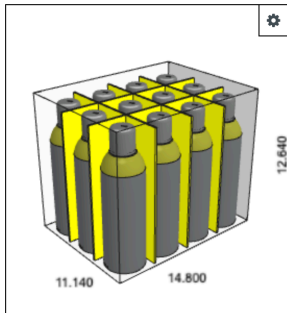
Secondary Pack Details

Load Details

Calculate

Solution Report

Click on **View Report** to Save your Current Analysis and Solution, and open the Report Builder page.
 Click on **Save Analysis/Solution** to save your analysis and continue to work on current or new solutions. You can save multiple solutions for any analysis.



Quick Report

Product Length 44.5600 10 Per Layer
 Product Width 37.0800 4 Layers
 Product Height 50.5600 40 RSC/Load
 Solution Number 31 12 Water Bottle/RSC
 Area Used 85.9% 480 Water Bottle/Load
 Cube Used 73.0%

select a solution and save

Solution **3** of 4
 Pattern: Interlock | 480

View Report

Save Analysis/Solution

Solution ID	Water Bottle Arrangement	SP/Layer	Number of Layers	PP Per SP	PP Per Load	Secondary Pack (ID)			Pattern Type	Cube Efficiency	Area Efficiency	Primary Pack (OD)		
						Length	Width	Height				Top	Bottom	Height
1	Row/Column	8	4	15	480	18.1400	10.8200	12.0000	Column	72.8	85.7	3.5000	3.5000	12.0000
2	Row/Column	6	4	20	480	18.1400	14.4800	12.0000	Column	72.5	85.4	3.5000	3.5000	12.0000
3	Row/Column	10	4	12	480	14.4800	10.8200	12.0000	Interlock	73.0	85.9	3.5000	3.5000	12.0000
4	Row/Column	6	4	16	384	14.4800	14.4800	12.0000	Multiple	58.2	68.5	3.5000	3.5000	12.0000

calculated solutions displayed online

Firefox Cape Pack x +

https://cape.eu.esko.cloud

Single Size Solutions

Select a solution in the list to see its images | Double click a solution to open it

Previous 1 Next Search Showing 1-5 of 5 Show 10 Entries Set Columns

	Analysis Date	Product Name	Product Code	Project	Customer Name	Case Size(s)	SP Per Load	Created By
1	6/14/2021	RIDR-Spare Parts	RIDR-219999	ridr-21614-05	PrintersRUs	16.0000 in X 12.0000 in X 10.0000 in	50	CapeCloudUser2@esko.com
2	2021	RIDR-480-Printer	RIDR-21283	ridr-21614-03	PrintersRUs	19.0000 in X 13.0000 in X 15.0000 in	28	CapeCloudUser2@esko.com
3	2021	RIDR-New Fun Toys	RIDR-21614	ridr-21614-001	Esko	16.0000 in X 12.0000 in X 10.0000 in	45	CapeCloudUser2@esko.com
4	2021	RIDR-New Fun Toys	RIDR-21614	ridr-21614-001	Esko	16.0000 in X 12.0000 in X 10.0000 in	45	CapeCloudUser2@esko.com
5	2021	RIDR-New products	RIDR-210614	ridr-project-3	Esko Marketing	20.0000 in X 12.0000 in X 10.0000 in	36	CapeCloudUser2@esko.com

Open
Close
Open Analysis
Delete

open/close/delete any solution

solutions are saved to centralized database

Master Setup
Settings

Pallet load formatting in the Cloud

Single Size Solutions 24-Pack X

Report Builder

Format Your Load
Add, Edit or remove your load formatting options

Format Load Profiles

Select a Format Load Profile

Club Store SRP Pallet

Select a Format Load Profile

Add NFLProfile#1
NFLProfile#2

Profiles Select a Profile

Num. of Straps * 3

Width * 0.5 in

Color * ☐

Fields marked with an asterisk (*) are mandatory.

Apply Remove

Save Format Load

Clear Format Load

Cancel

Layer Actions Additions

Vertical Corner Posts

Horizontal Straps

Vertical Straps

Shroud

Stretch Wrap

Impact:

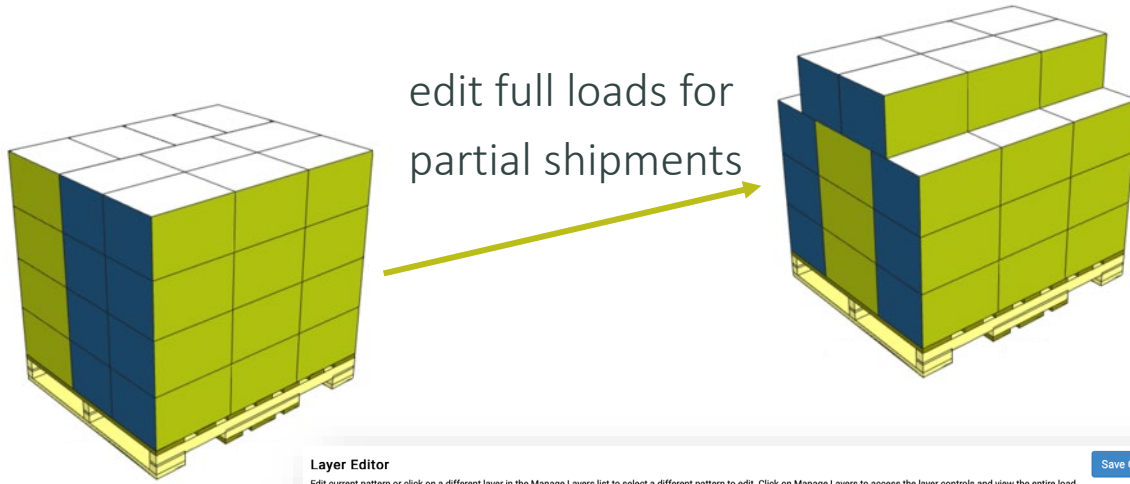
	Length (in)	Width (in)	Load Height (in)	Load Weight
Old Product Dim	48.000	40.000	55.500	225.000 lb
New Product Dim	48.660	40.660	56.325	242.200 lb
Maximum Load	48.000	40.000	65.000	2000.000 lb

40.660 48.660 56.325

save load formatting settings to a profile and apply automatically

New product dimensions updated – highlighted if exceeding max limits

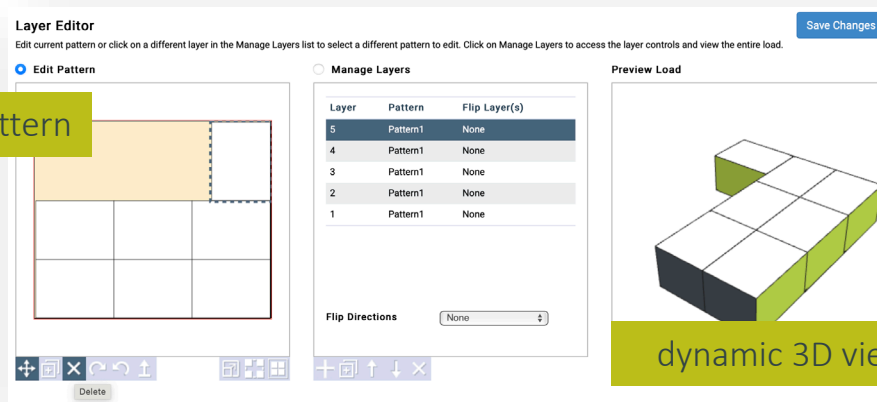
Edit pallet layers in the Cloud



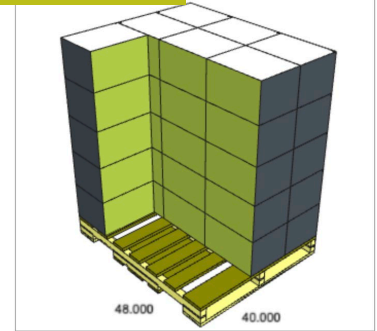
Simple, dynamic user experience for editing pallet patterns online

3D preview of the load

edit the layer pattern



dynamic 3D view



Truck analysis in the Cloud

RD

Single Size Solutions24-Pack

New

Run

Single Size

Mixed Size

Databases

My Network

Settings

Trial Expires On 31 Mar 2022

Help

Report Builder

Select Your Truck Style

Select Your Truck style and choose the preferred solution from the list
To create a new truck style, go to the Database option under settings.

20-DRY-mMaersk 20ft Standard

Inside Container Dimensions (in/lb)

Length232.2000

Width92.5200

Height89.6400

Weight5030.0000

Maximum Load Weight *55000.0000

Maximum Load Height *85.0000

Product Loading Direction

☐ Center☒ Back

☒ Back☐ Front

Select Loading Patterns

☒ Column☒ Diagonal

☐ Interlock☒ Spiral

☒ Trilock☐ Expanded Spiral

☒ Allow Partial Top Layer

Partial Top Layer Gap

☒ Back☐ Front

Pallet Load Gross Weight 242.20 lb

Save Truck Load

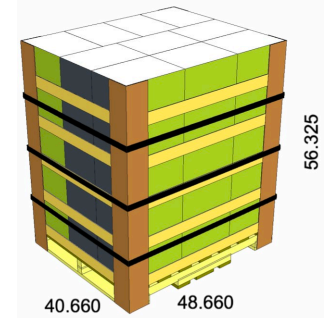


Showing Solution 1 of 39

Calculate

Solutions

All 'Format Load' changes carry over into the Truck Analysis



Fill master pallets in the Cloud

RD

New

Run

Single Size

Mixed Size

Databases

My Network

Settings

Single Size Solutions

24-Pack

Cell phones

Report Builder

Fill Master Pallet Base

Choose your pallet style and enter loading restrictions for your Master or carrier pallet.

Clear and Exit

Apply Master Pallet Load

Pallet

Select From Library

48x40

Dimensions

Length

48.0000

Width

40.0000

Height

5.5000

Weight

50.0000

Overhang / Underhang

Length

0.0000

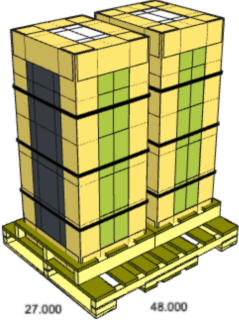
Width

0.0000

Max Load Weight

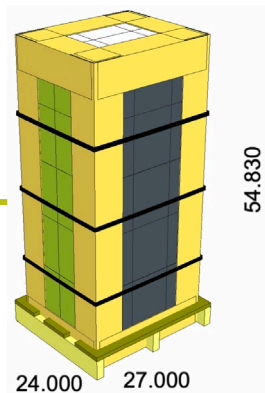
0.0000

Fill Master Pallet Base



Product Length	48
Product Width	27
Product Height	60
Area Used	67.5%
Cube Used	66.3%
PP per Master Load	900
SP per Master Load	60
Loads per Master Load	2

Fill a Master Pallet Base
with pallet load solutions



Public

ESKO*

Update Analysis Header

Update Analysis Header

×

Product Name *

Chocolate bars

Product Code

RIDR-2203-005

Project

Holiday SRP

Customer

The Candy Store

Secondary Pack

SRP

Primary Pack

Chocolate bars

Fields marked with an asterisk (*) are mandatory.

Cancel

Update

Share Report

[Save Current Report As PDF](#)

[Upload Solution To WebCenter](#)

[Update Analysis Header](#)

[Open Input Data](#)

edit header information
on saved solutions

Corrugated Compression Strength Program

- Simple user interface
- Metric and Imperial support
- Customizable databases
- Flexible reporting options

New options

Build your own case styles
Custom Partition Calculator
Seasonal and Production factors

Single Size Solutions Chocolate bars

Report Builder

Compression Strength Analysis

Modify your Environment Factors and then select the boards you want to include in your analysis. Save your analysis to be included in your graphical report.

Product Name: Chocolate bars
Product Code: W08-2203-006
Customer Name: The Candy Store
Project Name: Holiday SRP

Cases per Layer: 8
Layers per Load: 7
Case Weight: 3,500 lb
Pallet Weight: 235,000 lb
Pallet Height: 61,250 in
Weight on Bottom Layer: 404,000 lb
Weight on Bottom Case: 50,500 lb

Environmental Factors

Humidity Level: 90 %
Cases Stored for: 120 days
Internal Support: 0.0000 lb
Pallets Stacked: 1 high
Partition Type: 6 50%
Custom Partition: 3 L x 2 W
Partition Material: Case Material
Case Type: RSC/F0201
Case Printing: Simple
Edge Crush Type: Ring Crush
Interlocked Layers: ☐
Horizontal Fluting: ☐
Solid Pallet Surface: ☐
Production Factor: 0 %
Safety Margin Required: ☒ 0 %
Seasonal Strength Factor: ☒ 0 %

Compression Strength

Save Analysis

Strength Database: Master Strength Database Sort By: Life Cycle Strength

	Bead Description	Burst Test	Material Combination	Flutes	Base Strength	Production Strength	Life Cycle Strength	Loads High	Safety Factors	Safety Margin	Seasonal Strength
<input type="checkbox"/>	Ring Crush ECT 75.5	350	90-33-90	A	1446.65	1446.65	332.73	11.57	28.65	558.87	332.73
<input checked="" type="checkbox"/>	Ring Crush ECT 68.7	350	90-23-90	A	1308.66	1308.66	300.99	10.49	25.91	496.02	300.99
<input checked="" type="checkbox"/>	Ring Crush ECT 68.1	300	69-33-90	A	1288.52	1288.52	296.36	10.33	25.52	486.85	296.36
<input type="checkbox"/>	Ring Crush ECT 74.3	350	90-33-90	C	1283.24	1283.24	295.14	10.29	25.41	484.44	295.14
<input checked="" type="checkbox"/>	Ring Crush ECT 61.1	350	90-23-90	C	1165.58	1165.58	268.08	9.38	23.08	430.86	268.08
<input checked="" type="checkbox"/>	Ring Crush ECT 61.4	300	69-23-90	A	1153.07	1153.07	265.21	9.28	22.83	425.16	265.21
<input checked="" type="checkbox"/>	Ring Crush ECT 67	300	69-33-90	C	1140.67	1140.67	262.35	9.18	22.59	419.51	262.35
<input checked="" type="checkbox"/>	Ring Crush ECT 60.8	275	69-33-69	A	1133.92	1133.92	260.80	9.13	22.45	416.44	260.80
<input type="checkbox"/>	Ring Crush ECT 79.3	350	90-33-90	B	1122.46	1122.46	258.17	9.04	22.23	411.22	258.17
<input type="checkbox"/>	Ring Crush										

Calculate

Save strength data with your graphical report

Filtering for Analysis/Solution

Single Size Solutions

Select a solution in the list to see its images | Double click a solution to Open it.

Previous 1 Next

Search

Showing 1-3 of 3

Show 10 Entries

Visibility Private, LudLow

Set Columns

	Analysis Date	Product Name	Product Code	Project	SP Per Load	Modified Date	Visibility
1 ▼	3/2/2022	Chocolate bars	RIDR-2203-007	Holiday SRP - WIP	56	3/2/2022	Private
2 ▼	3/2/2022	Chocolate bars	RIDR-2203-006	Holiday SRP	56	3/2/2022	LudLow
3 ▼	3/2/2022	Chocolate bars	RIDR-2203-005	Holiday SRP	84	3/2/2022	LudLow

Filter saved solutions by location

Save solutions as 'Private'
Only created by user has visibility

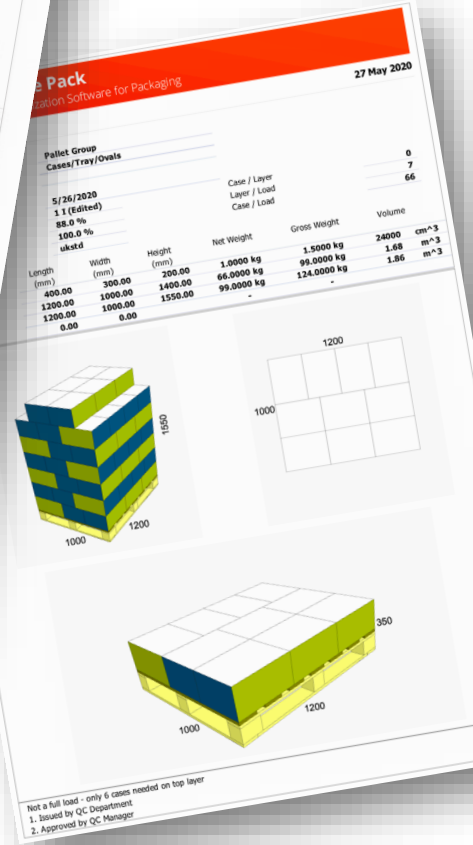
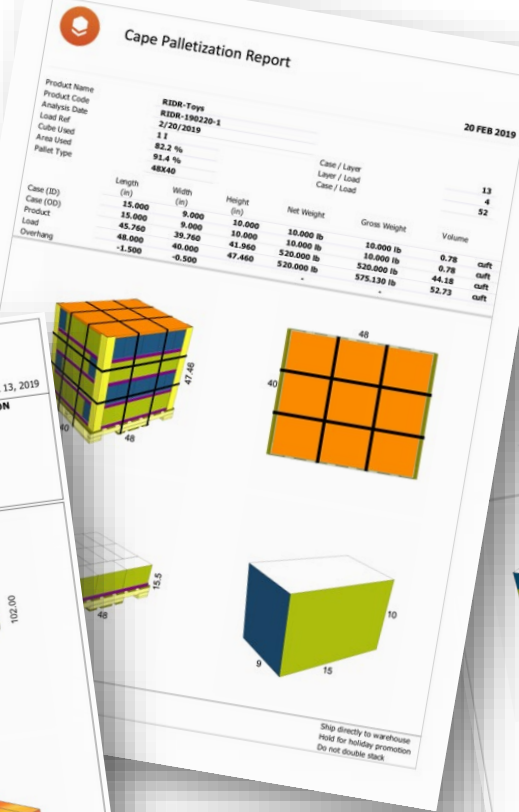
easily share palletization reports
complete with load formatting,
edited layer patterns and truck
analysis data

[Share Report](#)

[Save Current Report As PDF](#)

[Upload Solution To WebCenter](#)

[Open Input Data](#)



Create new Pallet Base Blocks

create custom pallet
base blocks

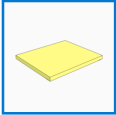
Choose a Pallet/Truck Base from the List

Search

Explore

- Pallets
- Trucks / Containers

Choose Pallet/Truck From The List



Club Store Pallet
Pallet base for club store
46x39x2.75/ 22 lb

Previous 1 Next

Showing 1-1 of 1

Cancel Select

Create a new Pallet Base Block

Units *

Name *

Description *

Length *

Width *

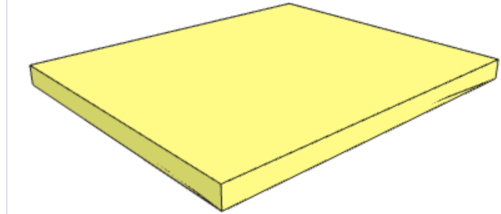
Height *

Weight *

Fields marked with an asterisk (*) are mandatory.

Load existing pallet style

Choose from the list



Cancel

Save

Upload to WebCenter

Single Size Solutions 24-Pack X

Report Builder

Utility

To finalize your report, choose your Data Template, your Graphics Layout, and if needed drag another graphic from the Graphics Choice to your Report Preview.

Data Templates

Graphics Layout

Report Preview

Share Report

Save Current Report As PDF

Upload Solution To WebCenter

Open Input Data

Graphics Choice

Report Units

Imperial

Report Language

English (en)

Format Load Profiles

Cape Cloud

Palletization Software for Packaging

22 Oct 2021

Product Name	24-Pack
Product Code	SKU-268268
Analysis Date	10/22/2021
Load Ref	1 1
Cube Used	84.0 %
Area Used	100.0 %
Pallet Type	48x40
Custom Arrangement	6L x 4W x 1H
Truck Ref	1 S
Truck Area Used	92.1 %
Truck Cube Used	61.0 %

Case / Layer	10
Layer / Load	5
Case / Load	50
Bottle / Case	24
Bottle / Load	1200
Case / 20-DRY-m	500
Load / 20-DRY-m	10
Bottle / 20-DRY-m	12000

Length (in)	Width (in)	Height (in)	Net Weight	Gross Weight	Volume	
Case (OO)	16.000	12.000	10.000	2.200 lb	3.500 lb	1.11
Product	48.660	40.660	50.825	110.000 lb	175.000 lb	58.19
Load	48.660	40.660	56.325	175.000 lb	242.200 lb	64.49
Overhang	0.330	0.330				
Product	227.300	89.320	56.325	1750.000 lb	2422.000 lb	661.77
20-DRY-m	232.200	92.520	89.640	2422.000 lb	7452.000 lb	1114.44

12.000

16.000

12.000

16.000



Upload Cape Solution

Select / Enter a Cape Document Name

Projects I Am Invited To

Favorite Projects

Projects

Project Documents

1 / 1

Cape report

Cancel

Upload



Thank you