

TOPS PRO IMPORT/EXPORT OVERVIEW

Shipcase Database

Shipcase records are one to a line. Any field left blank will be automatically assigned the default value that would be used if the shipcase was entered from the keyboard. Surrounding strings with quotes is optional unless the strings contain delimiters. Exporting the shipcase database is done through the CONFIG program using the File|Export menu item.

For numerical units for import, please refer to the section “Units for Import” on page 5.

Importing can be done through either the Import|TOPSData menu in TOPSPro or File|Import in CONFIG. Importing is an additive process, deletion of items must be done manually. If you would like to nuke the database and start over you should delete the files SHIPCASE.DAT and SHIPCASE.IDX in the TOPSPro\DATA directory. Then run CONFIG. After logging in you will be prompted to recreate the SHIPCASE database; answer “Yes”. At this point the Shipcase database will be empty and ready for a fresh import.

[Ship Case]
 "Shipcase one",E,I,"RSC","C",C,0,,,12,10,8,,,6,0,0,0,
 "Shipcase two",E,O,"RSC","C",O,0.25,,,12,10,8,,,6,0,0,0,

Column	Name	Type	Description
A	Name	String (21)	Shipcase Name
B	Units	String (1)	Units for display "E" for English or "M" for Metric
C	Dimensions	String(1)	"I" for Inside Dims or "O" for Outside
D	Box Style	String (31)	Name of Box Style from Box Styles Database
E	Flute	String (1)	Box flute if applicable (I.E. "A", "B", "C", etc.)
F	Material	String (1)	"C" for corrugated(fluted), "O" for Other (Caliper based)
G	Caliper	Distance	Caliper of non-corrugated material. Not used with Fluted (Leave empty)
H	Blank		Placeholder; not used at this time.
I	Blank		Placeholder; not used at this time.
J	Length	Distance	Length of shipcase (normally greater than width)
K	Width	Distance	Width
L	Height	Distance	Height The distance through the flaps.
M	Blank		Placeholder; not used at this time.
N	Blank		Placeholder; not used at this time.
O	Blank		Placeholder; not used at this time.
P	Weight	Weight	Gross weight of shipcase, if things are placed within then this number is considered to be the maximum weight of it's contents. 0 (zero) indicates no limit.
Q	Cost	Number	Costing information is not used at this time and may be left off
R	Turn Rate	Number	Costing information is not used at this time and may be left off
S	Cases per pallet	Number	Costing information is not used at this time and may be left off
T	Graphic	String (80)	Graphic on Top (File Name with full path)
U	Graphic	String (80)	Graphic on Left Side (File Name with full path)
V	Graphic	String (80)	Graphic on Back (File Name with full path)
W	Graphic Orientation	Number	Graphic orientation
X	Supervisor Lock	String (1)	Lock the record for other users Y/N

Y	Custom Shape	String (80)	CASY Shape for Shipcase
Z	Tare Weight	Weight	Tare weight of shipcase
AA	Version		Software Version
AB	Graphic	String (80)	Graphic on Front (File Name with full path)
AC	Graphic	String (80)	Graphic on Right Side (File Name with full path)

Carton Database

The **Carton (Primary Pack)** database structure is provided below; however, there should not normally be any reason to use it. In most cases, cartons should be entered using the shipcase database as a non-corrugated case.

[Carton]
 "Carton one",E,O,"Tuck",5,4,3,0.018,

Column	Name	Type	Description
A	Name	String (21)	Name
B	Units	String (1)	Units for display "E" for English or "M" for Metric
C	Dimensions	String(1)	"I" for Inside Dims or "O" for Outside
D	Box Style	String (31)	Name of Box Style from Box Styles Database
E	Length	Distance	Length (normally greater than width)
F	Width	Distance	Width
G	Height	Distance	Height The distance through the flaps.
H	Caliper	Distance	Caliper of material.
I	Blank		Placeholder; not used at this time.
J	Blank		Placeholder; not used at this time.
K	Blank		Placeholder; not used at this time.
L	Graphic	String (80)	Graphic on Top (File Name with full path)
M	Graphic	String (80)	Graphic on Left Side (File Name with full path)
N	Graphic	String (80)	Graphic on Back (File Name with full path)
O	Graphic Orientation	Number	Graphic orientation
P	Supervisor Lock	String (1)	Lock the record for other users Y/N
Q	Custom Shape	String (80)	CASY Shape
R	Type	String(1)	C – Carton N – Can/Cylinder T – Tub B – Bottle M – Milk Carton G – Bag
S	Top Diameter	Distance	Top Diameter for Tubs/Cans
T	Body Shape	Distance	C – Round O – Oval R – Rectangular
U	Bottom Diameter	Distance	Bottom Diameter of Tubs. Same as Top Diameter in case of Cans)
V	Top Length	Distance	Top Length (Rectangular tubs only)
W	Top Width	Distance	Top width (Rectangular tubs only)
X	Bottom Length	Distance	Bottom Length (Rectangular tubs only)
Y	Bottom Width	Distance	Bottom Width (Rectangular tubs only)
Z	Pitch	Distance	Pitch for Tubs
AA	Weight	Weight	Weight of the Primary Pack.
AB	Shoulder Height	Distance	Bottle Shoulder Height

AC	Neck Height	Distance	Bottle Neck height
AD	Neck Diameter	Distance	Bottle Neck Diameter
AE	Film Name	String (21)	Name of Film used for Bags
AF	Film Cost	Number	Bags Only
AG	Film Waste	Number	Bags Only
AH	Seal Style	String(1)	Bags Only L – Lap F – Fin
AI	LWH based	String(1)	Y / N (Bags Only)
AJ	Top Seal	Distance	Bags Only
AK	Bottom Seal	Distance	Bags Only
AL	Back Seal	String (1)	Y / N (Bags Only)
AM	Stand Up Bag	String (1)	Y / N (Bags Only)
AN	Version		Software Version
AO	Graphic	String (80)	Graphic on Front (File Name with full path)
AP	Graphic	String (80)	Graphic on Right Side (File Name with full path)

Pallet Database

[Pallet]
 "48 X 48 Pallet",E,N,S,S,N,N,N,48,48,5.5,62,7,5,1,2,2.5,0,5,N,0,N,0,-1,0,"", "", "", "0", "", "6.02",
 "CHEP Pallet",E,B,R,F,N,N,N,48,40,5,67,8,4,0.75,2,0,0,5,N,0,N,0,-1,0,"", "", "", "0", "", "6.02",

Column	Name	Type	Description
A	Pallet Name	String (31)	Name of Analysis to be imported
B	Units	String (1)	Units for display "E" for English or "M" for Metric
C	Pallet Style	String (1)	Pallet Style S – Stringer N – Notched Stringer B – Block P – Slipsheet E – Euro Pallet C – Chep Pallet L – Ledge W – Litco Presswood X – No Style
D	Construction Type	String (1)	Pallet Construction Type S – Single D – Double R – Reverse
E	Alignment Type	String (1)	Pallet alignment F – Flush S – Single Wing D – Double Wing
F	Length Tab	String (1)	For slipsheets (Y/ N)
G	Width Tab	String (1)	For slipsheets (Y/ N)
H	Both Tabs	String (1)	For slipsheets (Y/ N)
I	Length	Distance	Length of Pallet
J	Width	Distance	Width of Pallet
K	Height	Distance	Height of Pallet
L	Weight	Distance	Weight of Pallet
M	OutDeckWidth	Distance	Width of Outer deck board Length of Feet in case of Litco Pallet
N	InDeckWidth	Distance	Width of Inside deck board Width of Feet in case of Litco Pallet

O	deckHgt	Distance	Height of deck boards Width of Feet in case of Litco Pallet
P	Stringer Width	Distance	Stringer Width
Q	Offset	Distance	Offset
R	Tab Width	Distance	Slipsheet Tab Width
S	No. Boards	Number	Number of inside deck boards No. of Feet along Length for Litco Pallets
T	AutoSize	String(1)	Y/N
U	midDeckWidth	Distance	Middle Deck Width (EuroPallets) No. of Feet along width for Litco Pallets
V	supvLock	String(1)	Locked by supervisor Y/N
W	defMaxHgt	Distance	Default Maximum height
X	DispColor	Long number	Pallet Color for Display
Y	Align Distance	Distance	Distance by which the offset is aligned - from the left side of pallet
Z	Graphic0	String(80)	Pallet graphic on top
AA	Graphic1	String(80)	Pallet graphic on right side
AB	Graphic2	String(80)	Pallet graphic on left side
AC	Graphic Orientation	Number	Graphic orientation
AD	Design File	String(80)	Design specification File (with full path)
AE	Version		Not imported into db
AF	Pallet Id	Long Number	Pallet Id (P&G specific)
AG	DbType	Number	80 – Pallet 83 – Slip Sheet (used for defining Pallet Accessories) 68 – Pad (used for defining Pallet Accessories) 67 - Cap (used for defining Pallet Accessories) 84 –Tray (used for defining Pallet Accessories)

Product Database

[Product]
Frosted Cheerios,E,"1600012345",0.0031875,"Generic",0,"",N,"",0,0,0,"6.502",

Column	Name	Type	Description
A	Product Name	String (51)	
B	Units	String (1)	Units for display "E" for English or "M" for Metric
C	UPC Code	String(26)	Product UPS Code
D	Density	Number	
E	Brand	String (22)	
F	Cost	Number	Costing information
G	Description	String (128)	
H	Supervisor Lock	String (1)	Y/N
I	Manufacturing Code	String (12)	
J	EAN UCC Width	Number	Left to Right
K	EAN UCC Depth	Number	Front to Back
L	EAN UCC Height	Number	Base to Top
M	Version	String	Software Version

Easy Import for Analysis

Importing can be done through either the Import|EasyImport menu in TOPSPro

Column	Name	Type	Description
A	AnalName	String (31)	Name of Analysis to be imported
B	AnalType	String (2)	Starting stage of analysis PP- Primary Pack SC – Shipper UL – Unitload
C	UOM (Dist)	String	Unit of Measurement for Distances DIST_IN – Inches DIST_FT – Feet DIST_MM – Millimeters DIST_MTR – Meters DIST_CM – Centimeters <i>If left blank, DIST_IN is assumed</i>
D	UOM (Wgt)	String	Unit of Measurement for Weights DIST_LB – Pounds DIST_OZ – Ounces DIST_KG – Kilograms DIST_GR – Grams <i>If left blank, DIST_LB is assumed</i>
E	hasPP	String (1)	Has Primary Pack or not Y / N
F	PPType	String (1)	Primary Pack Type C – Carton N – Can/Cylinder
G	PPLen	Distance	PP Length
H	PPWid	Distance	PP Width
I	PPHgt	Distance	PP Height
J	PPNet	Weight	PP Net Weight
K	PPGross	Weight	PP Gross Weight
L	hasIP	String (1)	Has Intermediate Pack or not Y / N
M	IPStyle	String (31)	IP Box Style
N	IPFlute	String (3)	IP Flute
O	IPMaxCount	Number	Max Count
P	IPMinCount	Number	Min Count
Q	hasSC	String (1)	Has Shipcase or not Y / N
R	SCType	String (1)	SC Type (<i>Refer to PPType</i>)
S	SCStyle	String (31)	SC Box Style
T	SCLen	Distance	SC Length
U	SCWid	Distance	SC Width
V	SCHgt	Distance	SC Height
W	SCFlute	String (3)	SC Flute
X	SCMaxCount	Number	Max Count
Y	SCMinCount	Number	Min Count
Z	hasUL	String (1)	Has Unitload or not Y / N
AA	ULPal	String (21)	Pallet Name
AB	ULMaxHgt	Distance	Max height of Unitload (including pallet)
AC	ULMaxWgt	Weight	Max Weight of Unitload (including pallet)
AD	hasTV	String (1)	Has Vehicle or not Y / N
AE	TVName	String (21)	Vehicle Name
AF	TVMMaxWgt	Weight	Max weight of Vehicle load

TOPS SOFTWARE CORPORATION

275 W. Campbell Rd., Suite 600 Richardson, TX 75080
(USA) 972.739.8677 (FAX) 972.739.9478 www.topseng.com tech@topseng.com

Units for Import

For all Import files in Tops, the Units of the values entered in the text file are indicated by the following tags.

Tag	Units
[English]	All units below the tag are in English – Weights in lbs and distances in inches . If no tags are specified, this is the default assumed.
[Metric]	All units below the tag are in Metric – Weights in kg and distances in Meters
[DIST_MTR]	All distances below tag to be in Meters
[DIST_CM]	All distances below tag to be in Centimeters
[DIST_MM]	All distances below tag to be in Millimeters
[DIST_FT]	All distances below tag to be in Feet
[DIST_IN]	All distances below tag to be in Inches
[WGT_KG]	All weights below tag to be in Kilograms
[WGT_GR]	All weights below tag to be in Grams
[WGT_LB]	All weights below tag to be in Pounds
[WGT_OZ]	All weights below tag to be in Ounces