

SPECIFICATION FOR ON-BOARD PLASTIC PRODUCTS

CATEGORY	DESCRIPTION	ESTIMATED ANNUAL QUANTITIES
A	Plastic rummer glasses	500 000
B	Small disposable plastic cup	100 000
C	Non-latex gloves	300 000
D	Coat hanger	5000
E	Coat hanger tags	5000
F	Stirrers	200 000
G	Dry goods compact	150
H	Ice bin	150
I	Cabin spare bag	Large-100 Medium-200
J	Oven bags	200 000
K	Plastic bags	Full trolley -10 000 Half trolley-10 000 Ice bin – 100 000
L	Plastic lids	1) bowl YC lid-500 000
		2) main plate YC lid-200 00
		3) salad Bowl JC lid-250 000
		4) premium plate Lid-250 000
		5) Base plate JC lid- 20 000
M	Salt & pepper shakers	10 000
N	Plastic clipboard	1000

IMPORTANT NOTE*

- Bidder(s) must provide documentation(s) indicated for each category that which they are bidding.
- Bidder(s) shall bear all related cost for provision of the required sample(s) to SAA.
- Bidder(s) shall bear all related cost of their sample(s)' return should they wish for repossession post the award of the tender.

General requirements:

- Bidders must provide samples.
- Bidders must provide samples to SAA free of charge.
- Bidders must indicate the rotation of each item.
- Bidders can collect samples at the end of the tender process at their cost.

- Every product must be clearly marked with bidder’s name, GSM number, Category of the product and Description.
- Bidder must supply cost of the product(s).
- Quality assurance standards to be detailed.
- Design and quality must be applied appropriately, SAA welcomes new design proposals.

Delivery & Price


- The incoterm is Delivered Duty Paid (DDP) to SAA Johannesburg Warehouse.
- All prices must be inclusive of packaging, transportation and other related cost.
- Stock must be delivered on treated 4 way entry pallets dimensions 1.2m x 1.0m. (As per the Government Gazette 5 March 2004 notice 319 of 2004 as amended.)
- Products must be packed properly to reach SAA warehouse in a condition that is free from defects and allows for storage in SAA stores.
- Copy of heat treatment certificate for the pallets must accompany each delivery.
- Copy of Quality certificate for the product must accompany each delivery.
- Each pallet must be adequately secured on all four corners to ensure safe transportation of products.
- Product Case Packing details(label on top and side of the case) with below info:
SAA Code (consist of SA & 4 digit to be advise on award)
Description of the content
Case quantity
PO number

Ordering of Stock

- The provided quantities are estimates only; they do not constitute a firm commitment or undertaking to acquire the estimated quantities.
- Forecast and usage will determine monthly orders.
- A rolling ordering schedule based on forecast and usage rate may vary from month to month.
- The appointed supplier must keep a minimum buffer stock of at least 15% or 4 weeks of the annual forecasted quantities.


Category A

Product Name: plastic rummer
Product Purpose: Economy Class plastic glass for serving of fruit juice, soft drinks, wine and mixers



Dimensions		
Volume	ml	225 measured to rim of rummer
Material Specification		
<p>Finished Product: Polypropylene (no crystal), Food Grade. Finished Product Colour: transparent or a very slight tint</p> <p>Finished Product Properties:</p> <ul style="list-style-type: none"> • The mould must be highly polished • Materials used must be food grade and must be indicated on the glass. • Base must be 100% flat so that the rummer stands stable • All materials used must be virgin. • Injection Point: if the glass has an injection point, it must be strong for leakage not to occur. The injection point must not be sharp or protrude. • flysaa.com or SAA logo must be printed on the rummer glass with an appropriate design. • Rim must curve and not be sharp in any way • Shape: as indicated in visuals but can vary if needed • High degree of flexibility before cracking (when pushing sides inward) but not soft • Each glass must be able to be taken out easily from the stacked sleeve by the crew. Additional provisions have to be made for this in the shape i.e. small foot inside bottom of cup 		
Additional information		
Packaging: <ul style="list-style-type: none"> • Rummers must be packed with a minimum of 20 in a sleeve • Sleeves to be highly stackable and to fit into a standard Atlas bin size 		

Category B

Product Name: Small Plastic Cup Product Purpose: Loaded in all on-board lavatories dispensers.		
		
Dimensions		
	Units	
Weight:	g	4
Volume	ml	100
Height:	cm	6.1
Diameter top:	cm	6.3
Diameter bottom:	cm	4

Category C

Product Name: Multi-purpose/Combination Gloves (this is a new product for SAA)
Product Purpose: Hygiene purposes for clearing of the cabins

Currently we use 2 types of gloves:



Background:

SAA is looking at combining both of its current gloves into one combination glove, which is multi-purpose and durable. The gloves must protect the hands of the user without tearing. Hygiene is important for SAA Cabin Crew as they work in a confine spaces. Cabin crew utilizes the gloves when clearing the cabin after serving food, collecting waste on-board and cleaning the cabin when necessary. The gloves must fit all hands.

Vinyl gloves are an alternative to gloves made of latex or nitrile. These must be disposable. Gloves must protect the skin.



Dimensions

	Units	
Maximum weight:	g	5

Material Specification

Powder-Free Disposable Vinyl Gloves
Smooth texture, Blue in colour
100 gloves per box
Feature : Non-medical use

Category D

Product Name: Coat Hanger
Product Purpose: Business Class hanger



Dimensions

	Units	
Weight:	g	70
Height:	mm	240
Width:	mm	435
Width from side hook to side hook	mm	345

Material Specification

Finished Product: Plastic
 Finished Product Colour: Dark blue

Note: Hook head must swivel.

Category E

Product Name: Hanger Tags
Product Purpose: small plastic pocket for holding boarding pass on Business Class hanger



Dimensions


	Units	
Weight:	g	2
Total length:	mm	130
Width:	mm	65
Hole size:	mm	15 or to fit hanger
Top of Tag to hole:	mm	15
Pouch length:	mm	95

Material Specification

Finished Product: soft, pliable, transparent, plastic material, which is rotatable (not disposable) as the hanger tag remains on the coat hanger.

Finished Product Colour: Transparent
Additional information
SAA logo must be printed in the front of the tag in dark blue

Category F

Product Name: Stirrers Product Purpose: Stirrer of beverages		
		
Dimensions		
	Units	
Weight:	g	1
Length:	mm	120
Widest part to stirrer head	mm	11
Length of stirrer head	mm	23
Material Specification		
Finished Product: Plastic Finished Product Colour: Transparent		
Additional information		
<ul style="list-style-type: none"> • Stirrers must be individually wrapped • New design options will be considered 		

Category G

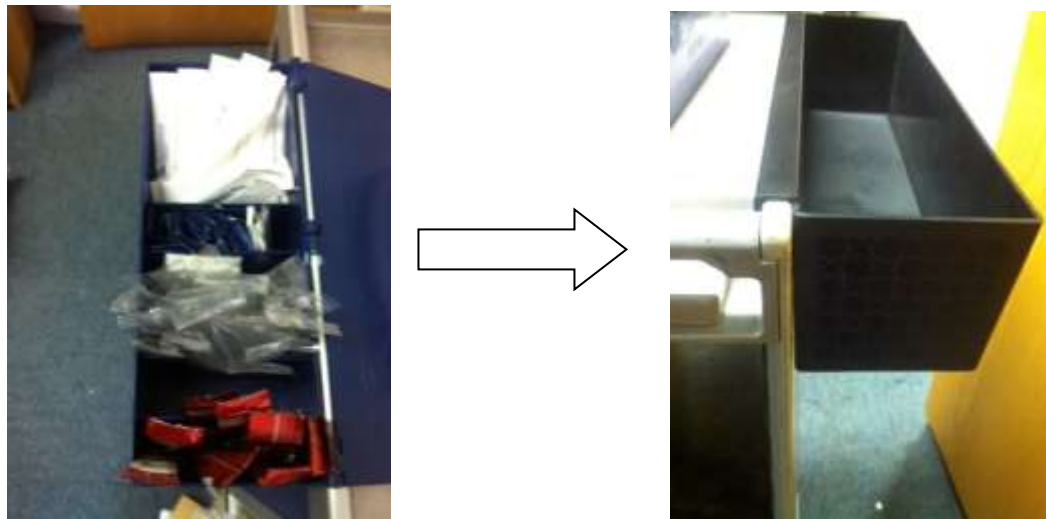
Product Name: Dry Goods Compact

Product purpose: organised storing of small dry goods items, easily usable as part of the on-board service.

Current design:



Current design can be maintained or an improvement to the current design can be proposed whereby the plastic container has a lip that hangs over the trolley side.



Current dimensions

	Units	
Weight	g	274
Length	mm	260
Width	mm	90
Height	mm	90
Distance from side to 1 st divider	mm	105
Distance between dividers	mm	approx. 28
Distance of "small" divider from side of compact to divider	mm	approx. 28

Current compact has 6 dividers, which hold: stirrers, sugar (white/brown), sweeteners, toothpicks, tea bags, decaffeinated coffee sachets. An alternative dividing solution can be proposed.

Must be easy to clean.

The product can be stackable

The current design has a lid. **The new design can be improved whereby the dry goods compact has a lip that enables the compact to hang from the side of the trolley or drawer.**

Material Specification

Finished Product: hard type plastic
 Finished Product Colour: blue, SAA logo application to be included.

Category H

PLASTIC ICE BIN

Product Purpose: used for loading of ice by inflight caterers

Material: Yellow polyethylene, fire retardant – with further requirements as per attached drawing. The material has to be strong enough to withstand various caterer’s handling.
 The phrase: **“SAAA INFLIGHT SERVICES”** must be part of the mould

Sizes: Sizes as per attached drawing. It is crucial that sizes are exact so the ice bins can fit in the dedicated stowages.

F IN DOUBT *ASK" FIRST ANGLE PROJECTION DRAWN FROM SAMPLE

ITEM 2.

**Technical Information
Plan Room**

NOTES.

1. ITEM TO BE IDENTIFIED AS PER PART NUMBER – AG/EQUIP/195D2
2. MOULD LETTERING AS INDICATED – ARIAL TYPE FONT – BOTH SIDES AS INDICATED.
3. STAMP PART NUMBER ON ITEM.
4. REMOVE ALL SHARP EDGES.
5. ALL LETTERING TO BE CENTRALIZED ACROSS LENGTH/WIDTH.
6. MATERIAL TO CONFORM TO FAR.25.853 BURN TEST (LATEST REV.).
7. TEST LOAD FORWARD – 9,0 G (1G = 1 x GRAVITY FORCE)

ITEM	PART NO.	DESCRIPTION	REQ'D	REMARKS	SHT	AMENDMENTS	SIGN.
2	AG/EQUIP/195D2	ATLAS ICE BOX	1	–	1		MEMO: AS PER 00708/22 of 24/07/2008 JJP
1	AG/EQUIP/195D1	SAA STD ICE BOX	1	CANCELLED	1		MEMO: AS PER 00708/36 of 24/07/2008 JJP
							MEMO: AS PER 00791/101 of 28/11/1991 SJW
							MEMO: AS PER 00791/28 of 06/08/1991 ASW

DRAWN: AS WYNNANS
DATE: 18-2-91

CHECKED: CI JONES
DATE: 19-2-91

APPROVED: R. SCHOUTEN
DATE: 19-2-91

ENGINEERING AUTHORITY: _____

ICE BOX (ATLAS)

SCALE: N. T. S. REF: AIR/APE/15/25-20/0013 (91/02/18)

MATERIAL: BLUE POLYETHYLENE (3mm)

FINISH: PRESS – MOULD

HEAT TREAT: N / A

AG/EQUIP/195

SHT: 1 of 1

AMENDMENT: 1 2 3 4

MANUFACTURING, CERTIFICATION & APPROVAL
 TO COMPLY WITH REQUIREMENTS PER
 SAA QMP 04-06-04-00 AND/OR 04-06-09-00

Category I

Product Specification

TYPE OF PRODUCT: Cabin Spare Bags

Cabin Spare bags load spares for on board and in the cargo hold on all SAA flights. The bag must be heavy-duty bag as it will be for multi-purpose use on board and in the cargo hold. This product will pack the on board spares e.g., headsets, tissues, toilet papers, premium duvets & pillow set, blankets etc. The specification below is a guide in terms of weight and size parameters.

New and innovative ideas are welcome. The bag must be water proof, durable and be able to sustain heavy load, double layer lining at base to sustain the heavy load. The zip of the bag must be double strong and it needs to accommodate sealing (stoffel seal). The bag must have a plastic see through sleeve for labelling, on top of the bag to fit A4 label. The bags must be flame retardant. Currently the material of the bags is PVC. The supplier must quote with fire retardancy as well as without.

- **Cabin Spare Bag - Large**

General requirements:

- Weight is an important consideration and SAA aims to lower the weight without compromising quality of the products.
- Please provide 2 samples per bag
- Quality Assurance standards to be detailed.
- The bag must be in line with the airline safety and security standards and SABS or similar standards.
- Heavy duty blue cabin spare bag to be printed on two sides with South African Airways logo
- Easy to seal and open.
- Strong double zip
- Alternative designs other than current can be proposed..

Visuals and measurements:

Dimensions

LARGE BAG

Weight:	kg	1.5
Length	mm	950
Width	mm	780
Height	mm	575

Case quantity 10ea

MEDIUM BAG

Weight:	kg	0.6
Length	mm	480
Width	mm	410

Case quantity

10ea



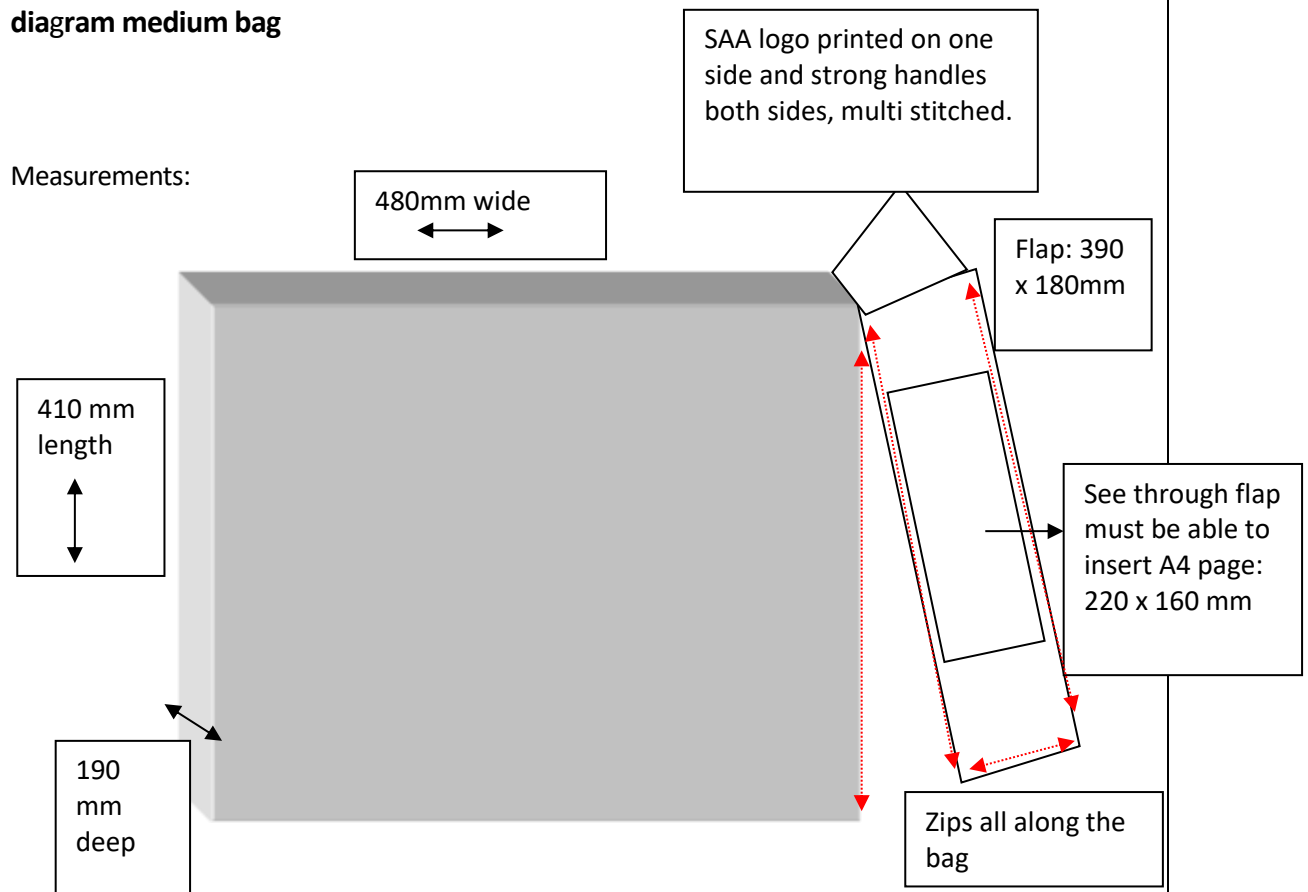
Very strong handles, reinforced stitching

The bag has to be able to hold heavy loads without zips braking on handles coming off.



diagram medium bag

Measurements:



Category J

Oven bags

SAA uses light plastic bags, suitable to place in the oven, to warm up bread rolls for Business Class service. It is critical that the bags are suitable for onboard use.

This product will be extensively tested by SAAT to ensure conformity to the specifications.



Material Type:	Nylon 66
Size:	250mm x 400mm x 15 micron
Packaging:	1000 bags per carton
Technical Specification:	Mono extrusions non-flammable
Printing on bag:	“SAA Oven Bag”

Category K

Product Specification

TYPE OF PRODUCT: Disposable Plastic Bags

Waste bags and multi-purpose plastic bags are used on-board on all SAA flights to line waste bins and pack consumables. The specifications below are a guide in terms of weight and size parameters to be followed. New and innovative ideas are welcome.

- Clear Cutlery Bag
- Clear Bin Liner Bag
- Clear Full Waste Trolley Bag
- Clear Multi-Purpose Bag
- Clear Half Waste Trolley Bag

General requirements:

- Please provide 2 samples per bag to be supplied to SAA free of charge.
- Every product must to be clearly marked with the bidder’s name and description.
- Quality Assurance standards to be detailed in line with SABS or equivalent standards.
- No sharp edges
- All waste bags and bin liners must not spill liquid and must suppress fumes & smells for an extended period of time on high altitude (18 hours)



Product Name: Clear Cutlery Bag



Dimensions

	Units	
Weight:	gr	2
Height:	mm	15
Length	mm	267
Width	mm	75
Micron		30
Case quantity		5000ea

NOTE: this product will be used for packing economy class cutlery to be placed on the passenger tray for meal service.

Additional information

- Plastic must be compliant with food regulations
- Clear cutlery bag to be printed with a one colour design
- With a self- seal strip, easy to be opened by the passenger
- Alternative designs other than current can be proposed.

Product Name: Clear Bin Liner Bag

Dimensions

Weight:	36 gr
Length	650 mm
Width	660 mm
Micron	50
Case quantity	200ea

NOTE: this bag is to line the waste bin of the small galley (aircraft kitchen) and it is also utilized to pack equipment. This bag will be for multi-purpose use on-board. Colour can be clear and one alternative colour.

Additional information: Clear and one other colour to be printed with South African Airways logo in continuous format

Product Name: Clear Full Size Waste Trolley Bag



Dimensions Plastic

Weight:	340 gr
Length	1300 mm
Width	1300 mm
Micron	150
Case quantity	50ea

The size of the bag is critical

NOTE: This bag is to line the Full Size Waste Trolley Bin. The bag must be clear. The waste bags must not spill liquid and must suppress fumes & smells for an extended period of time on high altitude (18 hours)

Additional information: Clear bag must be printed continuously with South African Airways logo

Product Name: Clear Multi-Purpose Bag



Dimensions

Proposed dimensions

Units

Weight:	36 gr
Length	400 mm
Width	200 mm
Micron	30
Case quantity	1000ea

NOTE:

This bag is used for packing teaspoons, tea, coffee, sugar sachets etc. It is then placed as stock on-board.

Additional information: Clear bag must be printed continuously with South African Airways logo

Product Name: Clear plastic bag for half waste trolley bin



Dimensions

Weight:	36 gr
Length	1000 mm
Width	650 mm
Micron	15
Case quantity	100ea

The size of the bag is critical

NOTE: This bag is for lining Half Size Waste Trolley Bin. The bag must be clear, not spill liquid and must suppress fumes & smells for an extended period of time on high altitude (18 hours)

Additional information: Clear bag must be printed continuously with South African Airways logo

Product Name: clear plastic Ice bin bag



Dimensions

Weight:	36 gr
Length	650 mm
Width	660 mm
Micron	50
Case quantity	200ea

The size of the bag is critical

NOTE: this bag is for lining ice bins. The bag must be clear, not spill liquid, suppress fumes and smells for an extended period on high altitude (18 hours).

Additional information: clear bag must be printed continuously with South African Airways logo

Category L

Product Name: Bowl lid YC



Dimensions

Weight:	2gr
Length	106 mm
Width	79 mm
Height	16 mm
Box qty	330

The size of the lid is critical

NOTE: The lid is for closing the bowl with food.

Additional information: clear lid must be printed continuously with South African Airways logo

Product Name

Lid main plate YC



Weight:	5gr
Length	164 mm
Width	111 mm
Height	19 mm
Box qty	1650

The size of the lid is critical

NOTE: This lid is for closing the bowl with food.

Additional information: clear lid must be printed continuously with South African Airways logo

Product Name

Lid salad Bowl J/C



Dimensions

Weight:	2gr
Length	111 mm
Width	111 mm
Height	13 mm
Box qty	2200

The size of the lid is critical

NOTE: This lid is for closing the bowl with food.

Additional information: clear lid must be printed continuously with South African Airways logo

Product Name: Plastic Premium Plate Lid



Dimensions

Weight:	1050gr
Length	111 mm
Width	111 mm
Height	13 mm
Box qty	690

The size of the lid is critical

NOTE: This lid is closing the bowl with food

Additional information: clear lid must be printed continuously with South African Airways logo

Product Name: Base Plate Lid J/C



Dimensions

Weight:	12,5gr
Length	185 mm
Width	137 mm
Height	35 mm
Box qty	900

The size of the lid is critical

NOTE: This lid is for closing the bowl with food.

Additional information: clear lid must be printed continuously with South African Airways logo

Category M

PRODUCT NAME: SALT AND PEPPER SHAKER

Material specification overview for the items listed above:

Salt and peppershakers are offered as part of the SAA Business Class meal service and therefore these shakers must have a premium look and feel. Catering handling (washing and refilling of the shakers) is a massive task and as such SAA is looking for a shaker solution to alleviate the pressure of the catering staff on these items.

Transparent shakers are preferable as the level of salt and pepper will be visible to the catering handler who will determine whether the shaker for refill. Also a seal sticker on the outside of the lid would also be useful to ascertain whether the salt and pepper shaker has been used or whether the shakers could go straight back into rotation. SAA is looking for solutions to these challenges faced.

Item	Details	Size/Weight	Other
Business Class Salt and pepper shaker set (mini/travel shaker set) Please see below diagram	<p>Packaging</p> <p>Outer lid and bottle</p> <ul style="list-style-type: none"> • ABS or similar <p>Inner shaker lid:</p> <ul style="list-style-type: none"> • Polypropylene or similar <p>Individual shakers not to comprise of more than 3 parts including base, lid and inner lid)</p>	<p>Not exceeding: L: 47mm W: 26mm</p> <p>The shakers must be of a size that fills: Salt = 6g Pepper = 3g</p>	<ul style="list-style-type: none"> • Shakers and salt produced in South Africa will be given preference • Shakers can be branded or generic. Branded shakers will be given preference • Design to be classic and in line with the SAA brand look/feel • Ideally, shakers must be transparent for ease to see the level of content. Shakers must be filled from the top.

Critical Requirements/Information:

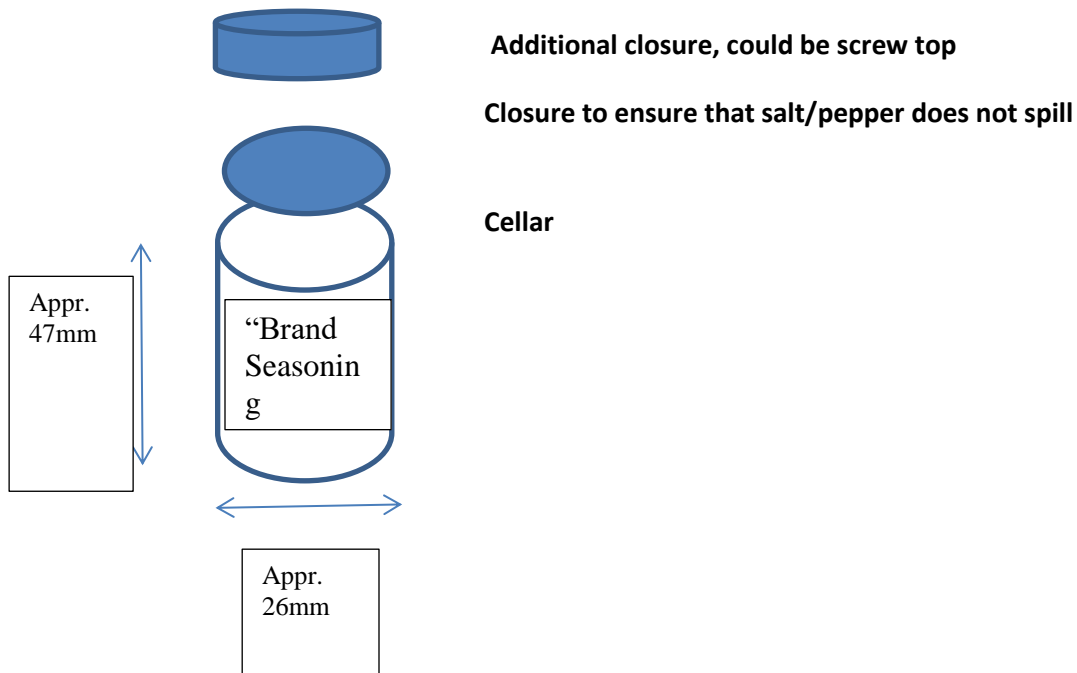
- Salt and peppershakers must be part of a set.
- Shakers must look sophisticated and have a premium/luxury look and feel.
- Shakers must be easy to handle for refilling purposes.
- Shakers must be easily cleanable.
- Production date must be included at the bottom of the salt/pepper shaker (this is for rotation tracking by SAA)
- A decrease of 5% deviation of the size dimensions and weight is allowed

Additional important information and diagram

Salt and pepper shaker design should be with straight lines i.e., no small corners, and with a wide neck. This enables the catering teams to clean and dry these shakers easily.

If the proposed shakers are branded with the supplier brand name, there is a marketing/advertising benefit that is attached for the supplier. SAA would like to request that this be factored into and reflected in the pricing quotation.

The shakers should not consist of more than 3 parts:



The preference for SAA would be to have one shaker packaging/branding for both salt and pepper i.e., to not specify that one **shaker is for salt and one for pepper**. We would like the shakers to be interchangeable to avoid any risk of pepper being filled in a salt shaker for example. **The word "seasoning" could work for this purpose.**

Workmanship

The Salt & Pepper Shaker Set shall be:

- cut, made, and packed with first-class workmanship throughout
- of uniform colour and trimmed with clean smooth edges

The Salt & Pepper Shaker Set shall be free from:

- defects, that affect their appearance or may affect their serviceability (or both)
- any imperfections

Materials

- No materials will be supplied by South African Airways. All materials must be food grade and suitable for industrial catering purposes. Food grade products and packaging must not contain dyes or other chemical compounds that are deemed harmful for human consumption.

Workmanship

Each item shall be:

- Of uniform and acceptable make, colour, and finish

Shall be free from defects that:

- Affect their appearance.
- Affect their serviceability (or both)

Category N

Product Name: Clip Board

Product Purpose: for use by crew to clip pages on.

**Dimensions**

	Units	
Weight	gr	292
Length	mm	340
Width	mm	225
Thickness	mm	3
Clip width	mm	120
Clip height	mm	30
Top of board to bottom of clip	mm	32

Material Specification

Finished Product: Plastic

Finished Product Colour: Dark Blue

Additional information

- Clip must not rust or break
- SAA logo to be printed on the back of the clip board