

PRODUCT SHEET POUCHES

3L Pouch-Up® DG

E' / amkF / VTiRm-1 (272*240) / Double Gusset



- 3L manufactured flexible pouch (272x240mm) without unit outer box.
- Triplex film with EVOH of 174µm, giving an excellent barrier to oxygen while guaranteeing a perfect package stability.
- Tap outside concept: Standard Vitop® with its tamper evident features.
- Integrated handle "one hole + ellipse" + specific cutting.
- Double gusset, top and bottom (white*) for a free-standing packaging allowing easy storage and dispensing.

* Specific colours possible under conditions

Film

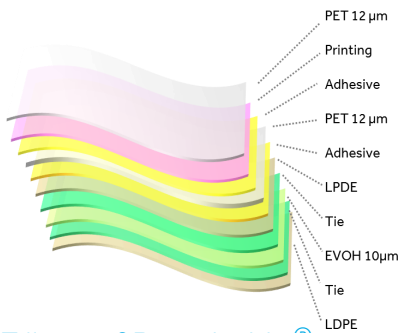
TRIPLEX FILM EVOH BASED 174 µm

Standard applications (filling at ambient T° / adapted to long transportation) and hot filling.

Permits a level indicator

Oxygen permeability : < 1 cc /m²/24h at 23° C, 75%HR and 100% O₂ (new film).

Gravure printing up to 10 colours



Filling of Pouch-Up®

Nitrogen injection is recommended in order to have a sufficient cone to:

- Have a better aspect of pouches in shops (pouches look blown).
- Have a better maintaining in boxes and enhance the resistance during transport.
- Reduce the quantity of O₂ in pouches and have a better product shelf life.
- Make the filling cleaner (no splashes during filling).

For this specification, the optimal cone should be around: **160ml +/-20ml.**

Closure

amkF/VTiRm

Standard Vitop® tap : PP, HDPE, elastomer, aluminium foil.

Spout: LDPE.

Colour: red (other options possible)



Filling Machines

Use of Smurfit Westrock machine is recommended:

- ½ automatic VITOP machine with cradle.
- Fully automatic SW BIB 700E machine.

Contact SK BIB Equipment Dpt. for further information



APPLICATIONS / FILLING °:

- | | | |
|-------------------------------------------|-------------------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> Clean | <input checked="" type="checkbox"/> Hot filling | <input type="checkbox"/> Aseptic |
|-------------------------------------------|-------------------------------------------------|----------------------------------|

* Please look at the suitable GMP guides available for these applications

PRODUCT TYPE :

- | | |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <input checked="" type="checkbox"/> Wine (recommendation: CO ₂ <500 mg/l) | <input type="checkbox"/> Non food |
| <input type="checkbox"/> Fruit puree and concentrate | <input type="checkbox"/> Water |
| <input type="checkbox"/> Industrial food (sauces, ...) | <input checked="" type="checkbox"/> Dairy product (fresh) |
| <input checked="" type="checkbox"/> Post mix/Syrup | <input checked="" type="checkbox"/> Oil |
| <input checked="" type="checkbox"/> Fresh juices | <input type="checkbox"/> Eggs |
| <input checked="" type="checkbox"/> Alcoholic Beverage (optimal storage and transport conditions 20°C): | |
| <input checked="" type="checkbox"/> ≤15 % v/v | <input checked="" type="checkbox"/> <40 % v/v |

Weight of the pouch

49 g

Delivery

260 Pouch-Up® / box
14 boxes /Pallet
=> 3640 Pouch-Up® / pallet

AVAILABLE DOCUMENTATION

- | | |
|-----------------------------------------------------|--------------------------------------------------------|
| <input checked="" type="checkbox"/> Technical specs | <input checked="" type="checkbox"/> Food contact cert. |
| <input checked="" type="checkbox"/> Closure sheet | <input checked="" type="checkbox"/> GMP Guidelines |

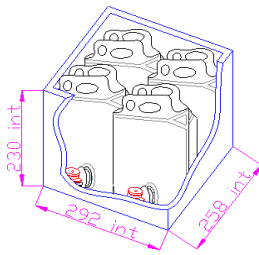
Transport recommendations:

Positioning into the surrounding box	Local transport < 1000km	Short Export < 2000km (no maritime)	International Export > 2000km & maritime transport
Vertical	YES	YES	NO
Horizontal	YES	YES	NO

RECOMMENDATIONS FOR INTERNAL DIMENSIONS*:

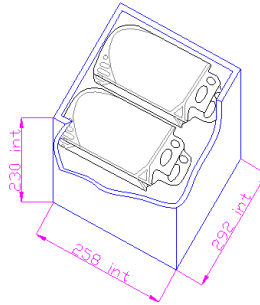
Vertical

Internal dimensions*
=> 292 x 258 x 230mm



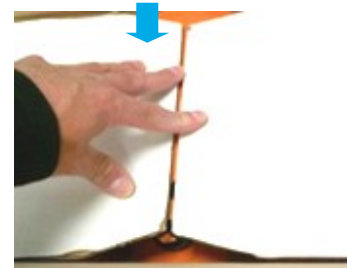
Horizontal

Internal dimensions*
=> 292 x 258 x 230mm



SURROUNDING BOXES

- Composition of the board, external dimensions of boxes and palletisation have to be checked and validated with the corrugated box supplier.
- For better strength resistance of the board, divider can be used in the boxes (especially for horizontal packing).
- Preferably use boxes with jointed flaps in order to have a similar maintaining for each pouch in the box.



* These inner box dimensions were defined with a nominal volume of 3L and the air-cone volume indicated at the recto of this technical sheet. If these conditions can't be respected, inner box dimensions must be adapted to reduce the free space on the box and reduce flexcracking risks (especially the space between the Pouch-Up and top flaps of the box).

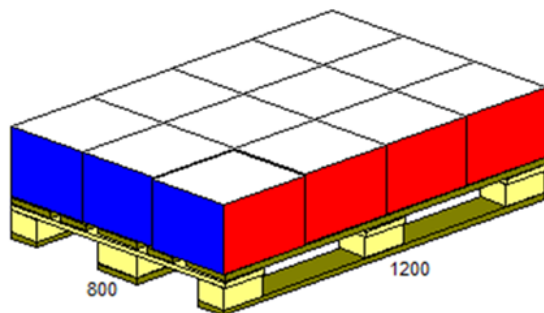
Palletisation of filled pouches

- The final palletisation must be in accordance with logistic constraints and requirements of the customer.
- Maximum height and weight of pallets must be defined by the customer.

EXAMPLES OF POSSIBLE PALLETISATION—PALLET 800 X 1200 **:

VERTICAL & HORIZONTAL packing

=> 48 Pouch-Up / layer



Nb layers	Nb / Pal	Pal	Liters /
4	192	1,13m	576
5	240	1,38m	720
6	288	1,63m	864

** Composition of the board to define (4mm flutes used for simulation)

All configurations must be approved by transport trials or/and during the first order by the customer.

All these data are given in good faith. We recommend to all our customers to carry out their own tests to ensure that they are fully satisfied with the suitability of the filling process, the product and the transport.